

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-78731
B TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME na
2. NAME OF OPERATOR Cabot Oil and Gas		7. UNIT AGREEMENT NAME na
3. ADDRESS OF OPERATORS 600 17th ST. Suite 900 N Denver, CO 80202		8. FARM OR LEASE NAME na
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) at surface 1915' FNL & 502' FEL LOT 2 SENE 649160X 38.283035 At proposed prod. Zone same as above 4238388Y -104.734611		9. WELL NO. NW Bullhorn 17-24
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4.6 miles south of La Sal		10. FIELD OR LEASE NAME Wildcat
15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any) 502'	16. NO. OF ACRES IN LEASE 1,549	11. Sec., T., R., M., OR BLK AND SURVEY OR AREA Sec. 17, T., 29S, R24E
16. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT. 1200'	19. PROPOSED DEPTH 7,200	12. COUNTY OR PARISH San Juan
21. ELEVATION (SHOW WHETHER DF, RT, GR, etc.) 6582' GR		13. STATE Utah
20. ROTARY OR CABLE TOOLS Rotary		
22. APPROX. DATE WORK WILL START		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	2000'	1025 sks
7 7/8"	5 1/2"	17#	T.D.	800 sks

The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.

William A Ryan
290 S 800 E
Vernal, UT 84078
435-789-0968

CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24 SIGNATURE <u>William A. Ryan</u>		TITLE <u>Agent</u>	DATE <u>4/7/06</u>
(This space for Federal or State Office use)			
PERMIT NO. <u>43-037-31847</u>	APPROVAL DATE <u>04-17-06</u>		
APPROVED BY <u>Bradley G. Hill</u>	TITLE <u>ENVIRONMENTAL MANAGER</u>		
CONDITIONS OF APPROVAL, IF ANY			

*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of this
Action is Necessary

RECEIVED
APR 12 2006

DIV. OF OIL, GAS & MINING

T29S, R24E, S.L.B.&M.

CABOT OIL AND GAS

WELL LOCATION, NW BULLHORN 17-24,
LOCATED AS SHOWN IN LOT 2 OF
SECTION 17, T29S, R24E, S.L.B.&M.
SAN JUAN COUNTY, UTAH.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. Basis of elevation is bench mark G127 1934 located in the West 1/2 of Section 3, T29S, R24E, S.L.B.&M. The elevation of this bench mark is shown on the La Sal West, Utah 7.5 min. Quadrangle as being 6844'.
4. The monument at the Northeast Corner of Section 17 bears N03°07'09"W 277.94' from the monument at the Northwest Corner of Section 16.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

KOLBY R. KAY
No. 362251
REGISTERED LAND SURVEYOR
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 12/13/05	SURVEYED BY: D.J.S.	SHEET 2 OF 10
DATE DRAWN: 01/03/06	DRAWN BY B.J.S.	
SCALE: 1" = 1000'	Date Last Revised:	

N89°54'E 70.44 (G.L.O.)
S89°58'35"E 2008.65' (Meas.)

Found 1916 G.L.O.
Brass Cap buried 2' in
bar ditch of County
Road. CC

Found 1916 G.L.O.
Brass Cap with steel
post 0.2' east.

Sec. 9

Sec. 16

Found 1915 G.L.O.
Brass Cap under R/W
Fence

Lot 1

1915'

Lot 2

502'

S00°15'08"W (Basis of Bearings)
2638.12' (Measured)

SOUTH 40.00 (G.L.O.)

Lot 3

Found G.L.O. Brass
Cap. On West edge
road. Buried 1'. Pipe
is bent.

Lot 4

S00°10'05"W 2349.15'
(Meas. to CC)

SOUTH 35.74 (G.L.O.)

Sec. 16

S89°54'W 79.92 (G.L.O.)

Sec. 20

Found 1916 G.L.O.
Brass Cap. CC

**WELL LOCATION:
NW BULLHORN 17-24**

ELEV. UNGRADED GROUND = 6664.0'

17

N0°03'W (G.L.O.)

▲ = SECTION CORNERS LOCATED

UTAH STATE PLANE COORDINATES,
1927, SOUTH ZONE

X = 2,632,978.701

Y = 596,018.207

**NW BULLHORN 17-24
(Surface Location)**

NAD 83

LATITUDE = 38° 16' 58.909" N

LONGITUDE = 109° 17' 43.432" W

SELF-CERTIFICATION STATEMENT

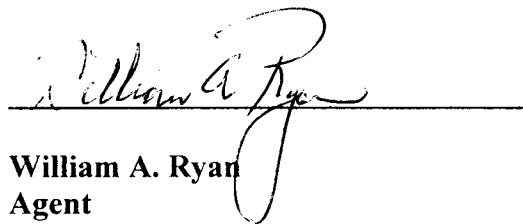
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that The Cabot Oil and Gas are considered to be the operator of the following well.

**NW Bullhorn 17-24
Section 17, T.29S, R. 24 E.
Lot #2
Lease UTU-78731
San Juan County, Utah**

The Cabot Oil and Gas is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond 5809579 provides state-wide bond coverage on all Federal lands.

A handwritten signature in cursive script, reading "William A. Ryan", is written over a horizontal line.

**William A. Ryan
Agent
Rocky Mountain Consulting
290 S. 800 E.
Vernal UT 84078
435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax
rmcwar@hotmail.com**

Ten Point Plan

CABOT OIL & GAS CORPORATION

NW Bullhorn 17-24

Surface Location Lot 2, Section 17, T. 29S., R. 24E.

1. Surface Formation

Alluvium/Dakota

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Alluvium/Dakota	Surface	+6,663' G.L.
Morrison	230	+6,433'
Entrada	400	+6,263'
Navajo	1,590	+5,073'
Kayenta	1,827	+4,836'
Wingate	2,225	+4,438'
Chinle	3,100	+3,563'
Cutler	4,104	+2,559'
Hktl 5	4,830	+1,833'
Hktl 4	5,389	+1,274'
Hktl 3	5,759	+904'
HKTL 2 shale	5,975	+688'
HKTL 1	6,053	+610'
HKTL 1 shale	6,306	+357'
U Ismay	6,670	-7'
Hovenweep shale	6,808	-145'
L Ismay	6,870	-207'
Gothic shale	6,936	-273'
Desert Creek	7,040	-377'
Salt	7,051	-388'
TD	7,200	-537'

3. Producing Formation Depth:

Formation objective includes the Honaker Trail and its sub-members.

Off Set Well information

Permitted/Drilled:

NW Bullhorn 17-13

NW Bullhorn 16-41

Abandon Wells:

La Sal 2-17

State 1-16

4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling & Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
12 1/4	9 5/8	36#	J-55	LT&C	3,100'	NEW
8 3/4	5 1/2	17#	P-110	LT&C	T.D.	NEW

Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	9 5/8	Premium Lite	575 sx. +/-	2.28cf/sx	11.0# ppf
Tail:	9 5/8	Type III	450sx. +/-	1.43 cf/sx	15.6# ppf

Production casing will be cemented to 2,500' or higher as follows:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
5 1/2	Premium Lite High Strength	800 sks +/-	2.02 cf/sx	15.6# ppf

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-3,100'	8.4 – 8.8	28 – 32	No Control	Fresh Water/Lime Sweeps
3,100'-T.D.	9.0 – 9.4	15 - 30	6 – 8	FLO-PRO NT

7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: None are anticipated.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

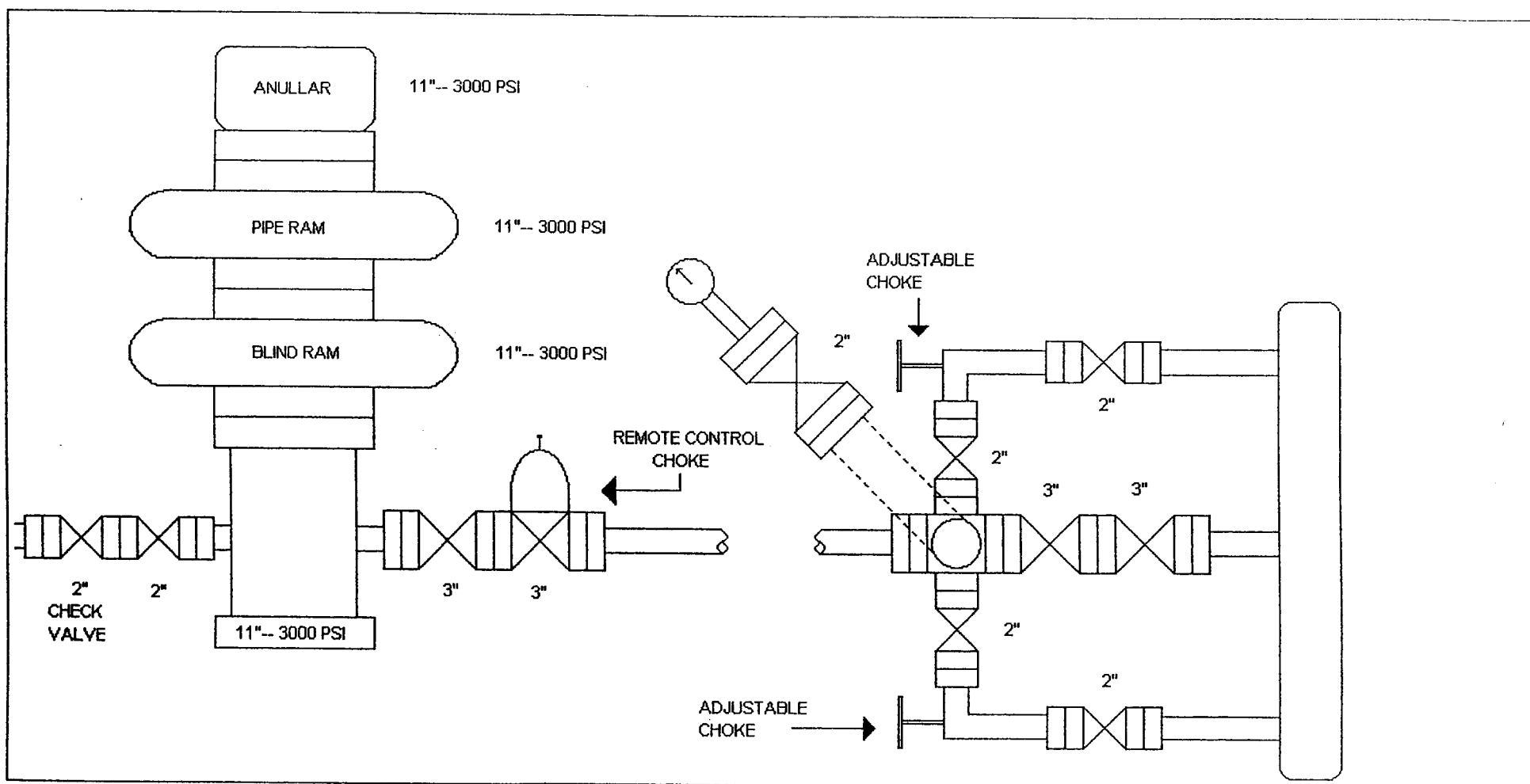
Type	Interval
Platform Express w/BHC sonic	3,100' - TD

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Honaker Trail Formation. Other wells drilled in the area have not encountered over pressured zones or H₂S.

10. Drilling Schedule:

The anticipated starting date is 6/1/2006. Duration of operations is expected to be 30 days.



CABOT OIL AND GAS

13 POINT SURFACE USE PLAN

FOR WELL

NW BULLHORN 17-24

LOCATED IN LOT #2

SECTION 17, T.29S, R24E, S.L.B.&M.

SAN JUAN COUNTY, UTAH

LEASE NUMBER: UTU-78731

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads:

CABOT OIL & GAS

NW BULLHORN 17-24

Section 17, T29S, R24E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM LA SAL, UTAH ALONG STATE HIGHWAY 46 APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THE LISBON VALLEY ROAD; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG THE LISBON VALLEY ROAD APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THE WEST COYOTE ROAD; EXIT RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED ACCESS ROAD FOR THE NW BULLHORN #17-13. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 735' TO THE PROPOSED ACCESS ROAD OF THE NW BULLHORN 17-24. EXIT RIGHT AND FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 495' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM LA SAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.0 MILES.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class B roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 495' of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	495 ft
B) Right of Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface ownership	Federal
L) All new construction on lease	Yes
M) Pipe line crossing	None

Please see the attached location plat for additional details.

An off lease right-of-way will not be required.

A road encroachment application will be has been filed with the San Juan County Road Department.

All surface disturbances for the road and location will be within the lease boundary.

3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

A) Producing well	None
B) Water well	None

- C) **Abandoned well**
State 1-16
D) **Temp. abandoned well** **None**
E) **Disposal well** **None**
F) **Drilling /Permitted well**
NW Bullhorn 8-31
NW Bullhorn 17-13
G) **Shut in wells** **None**
H) **Injection well** **None**

- I) **Monitoring or observation well** **None**
Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted an **Olive Black** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Olive Black**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 30,315' of 6" steel surface gas gathering line would be constructed on Federal and Private Lands. The line will tie into the existing Valve Set in Sec. 27, T29S, R24E. The pipeline would be strung and boomed to the south, then east then, north, then east then south of the location. The pipeline will follow existing roads. A surface agreement has been made with private land owners The pipeline may be buried as determined by the Authorized Officer at the onsite.

An off lease right-of-way will be required for approximately 6,607'.

Please see the attached location diagrams for pipeline location.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least

quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Moab District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing will come from a Private land owner in Section 8, T29S, R24E Permit # T-30139.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **12 ft.** deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined with a 16 mm liner.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. **Evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation. If contaminated water is encountered, a sample will be taken, analyzed and a report will be sent to Utah Division of Oil, Gas and Mining and BLM, Monticello Field Office.**

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be

removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

A) Pad length	345 ft.
B) Pad width	260 ft.
C) Pit depth	12 ft.
D) Pit length	150 ft.
E) Pit width	75 ft.
F) Max cut	16.2 ft.
G) Max fill	3.6 ft.
H) Total cut yds.	5,480 cu yds
I) Pit location	West end
J) Top soil location	North and South ends
K) Access road location	South end
L) Flare Pit	corner C

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.

E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 1,500 cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the

seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix:

4#/acre Crested Wheat Grass
4#/acre Indian Rice Grass
4#/acre 4-Wing Salt Brush

11. Surface ownership:

Access road	Federal
Location	Federal
Pipeline	Federal & Private

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Coyote Wash located ½ mile to the East.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion
Prior to moving on the drilling rig.

- c) Spud notice
At least twenty-four (24) hours prior to spudding the well.

- d) Casing string and cementing
At least twenty-four (24) hours prior to running casing and cementing all casing strings.

- e) BOP and related equipment tests
At least twenty-four (24) hours prior to initial pressure tests.

- f) First production notice
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit outside the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

H) Safety:

All access is restricted to the access road and location. Signs will be posted at the beginning of the access road and on the location to stay within the disturbed area.

13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

Office 435-789-0968
Fax 435-789-0970
Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

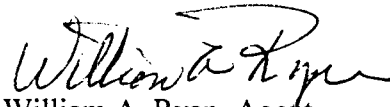
This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true

and correct, and that the work associated with the operation proposed herein will be preformed by Cabot Oil and Gas and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 4/7/06


William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Dates:

Statement of use of Hazardous Materials

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for Cabot Oil and Gas
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax

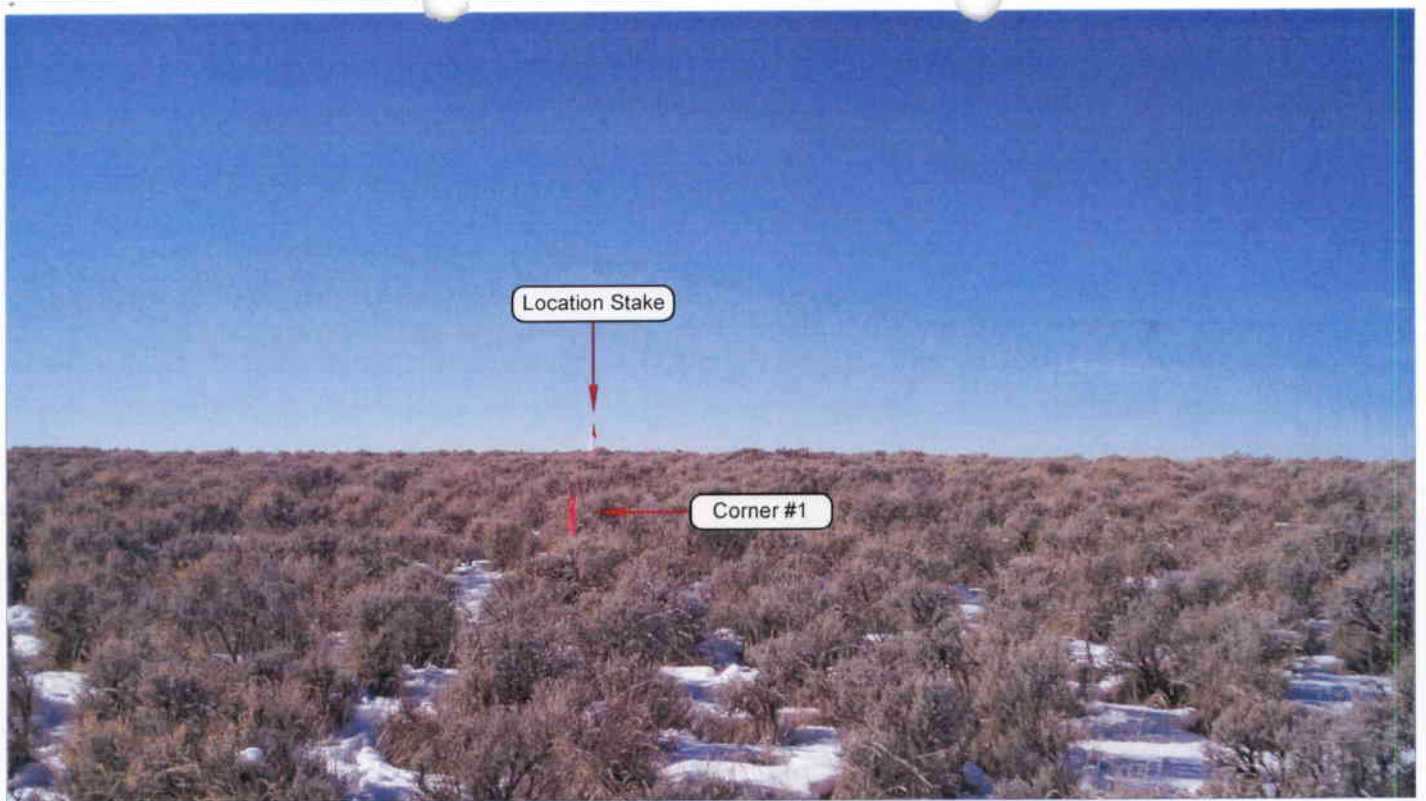


PHOTO VIEW: FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: WEST

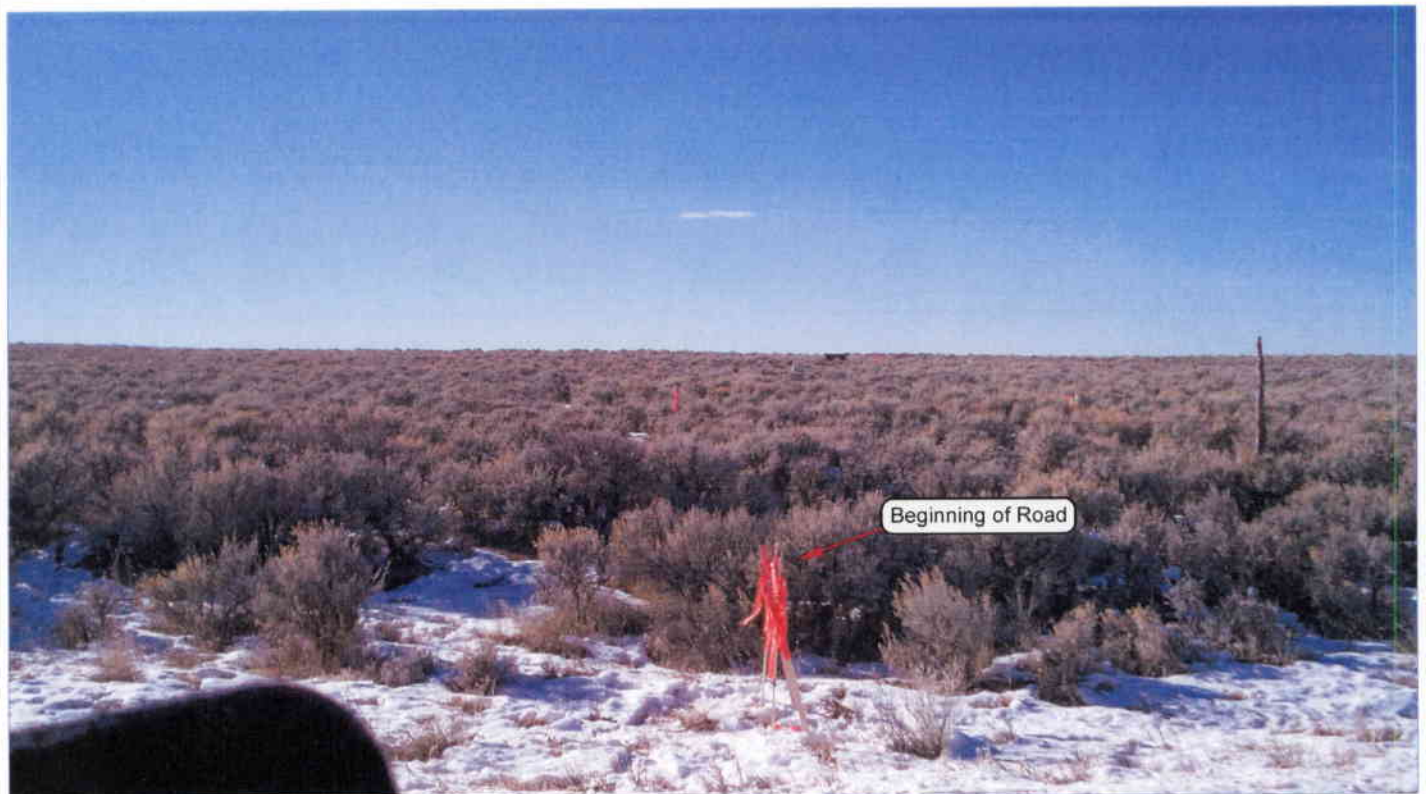


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WEST

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

LOCATION PHOTOS

TAKEN BY: D.J.S.

DRAWN BY: B.J.S.

DATE TAKEN 12-13-05

DATE DRAWN: 01-04-06

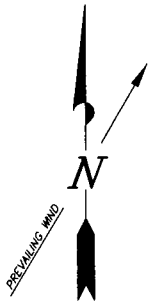
REVISED:

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

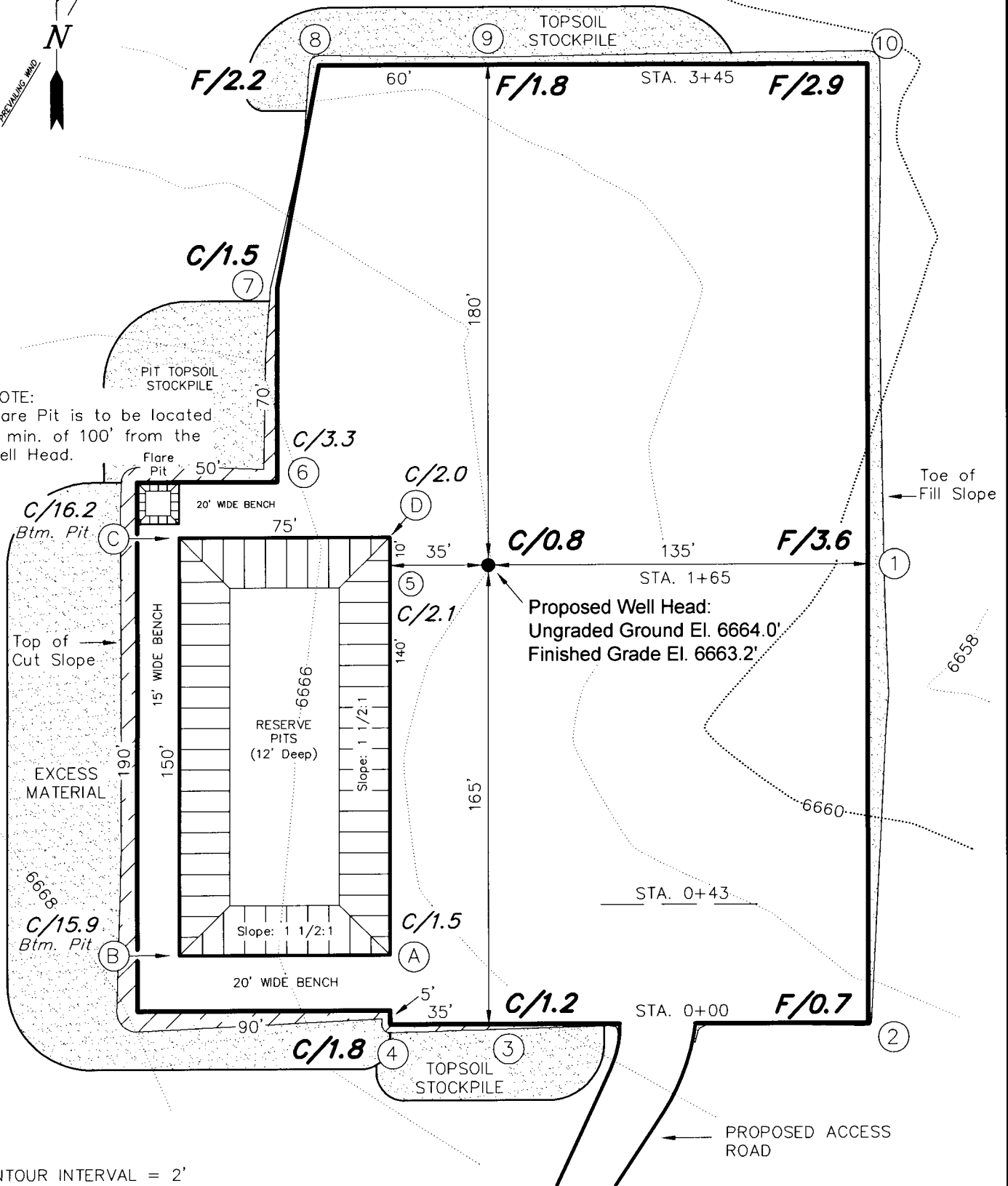
SHEET
1
OF 10

CABOT OIL AND GAS

CUT SHEET NW BULLHORN 17-24



NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.



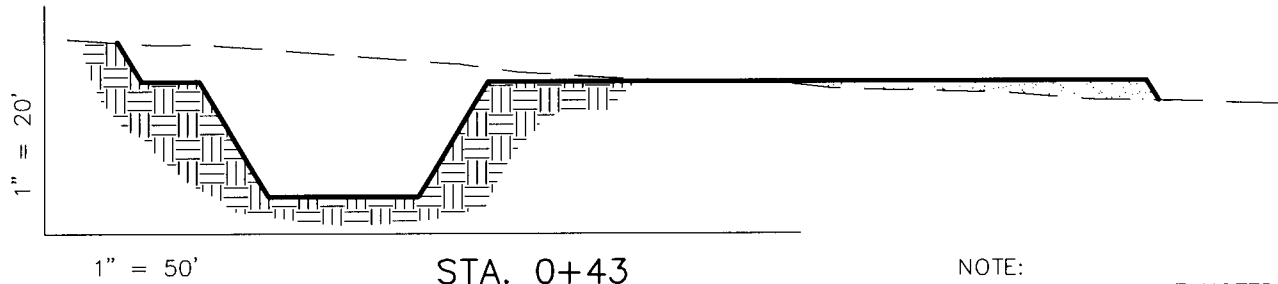
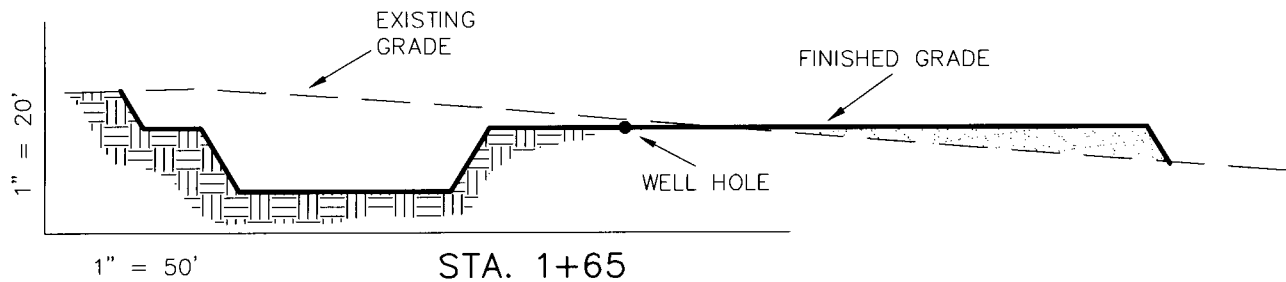
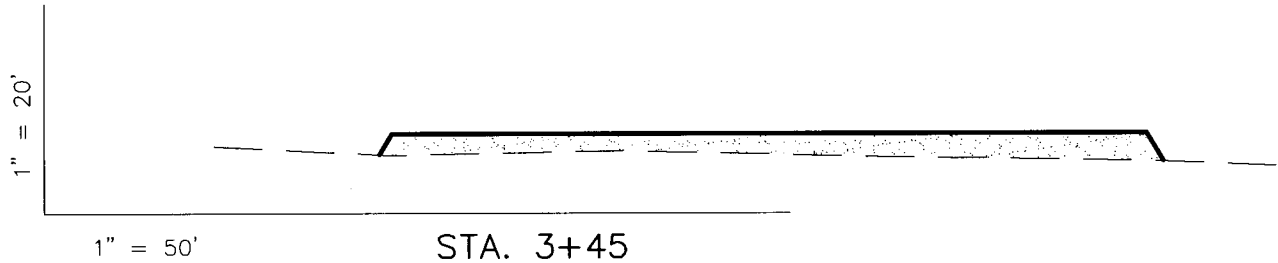
CONTOUR INTERVAL = 2'

Section 17, T29S, R24E, S.L.B.&M.		Location: LOT 2	Footage Location: WELL 1915' FNL & 502' FEL
Date Surveyed: 12-13-05	Date Drawn: 01-03-06	Date Last Revision: 02-23-06	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: B.J.S.	Scale: 1" = 50'	

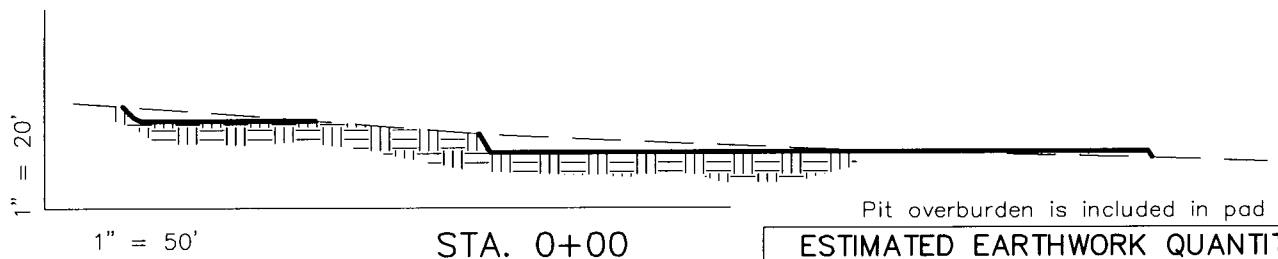
SHEET
3
OF 10

CABOT OIL AND GAS

CROSS SECTIONS NW BULLHORN 17-24



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1



Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,140	3,810	Topsoil is not included in Pad Cut	-1,670
PIT	3,340	0		3,340
TOTALS	5,480	3,810	1,500	1,670

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

REFERENCE POINTS

215' SOUTH = 6665.9'
265' SOUTH = 6667.5'
185' EAST = 6658.0'
235' EAST = 6656.1'

Section 17, T29S, R24E, S.L.B.&M.

Location: LOT 2

Footage Location: WELL 1915' FNL & 502' FEL

Date Surveyed:
12-13-05

Date Drawn:
01-03-06

Date Last Revision:

Surveyed By: D.J.S.

Drawn By: B.J.S.

Scale: 1" = 50'

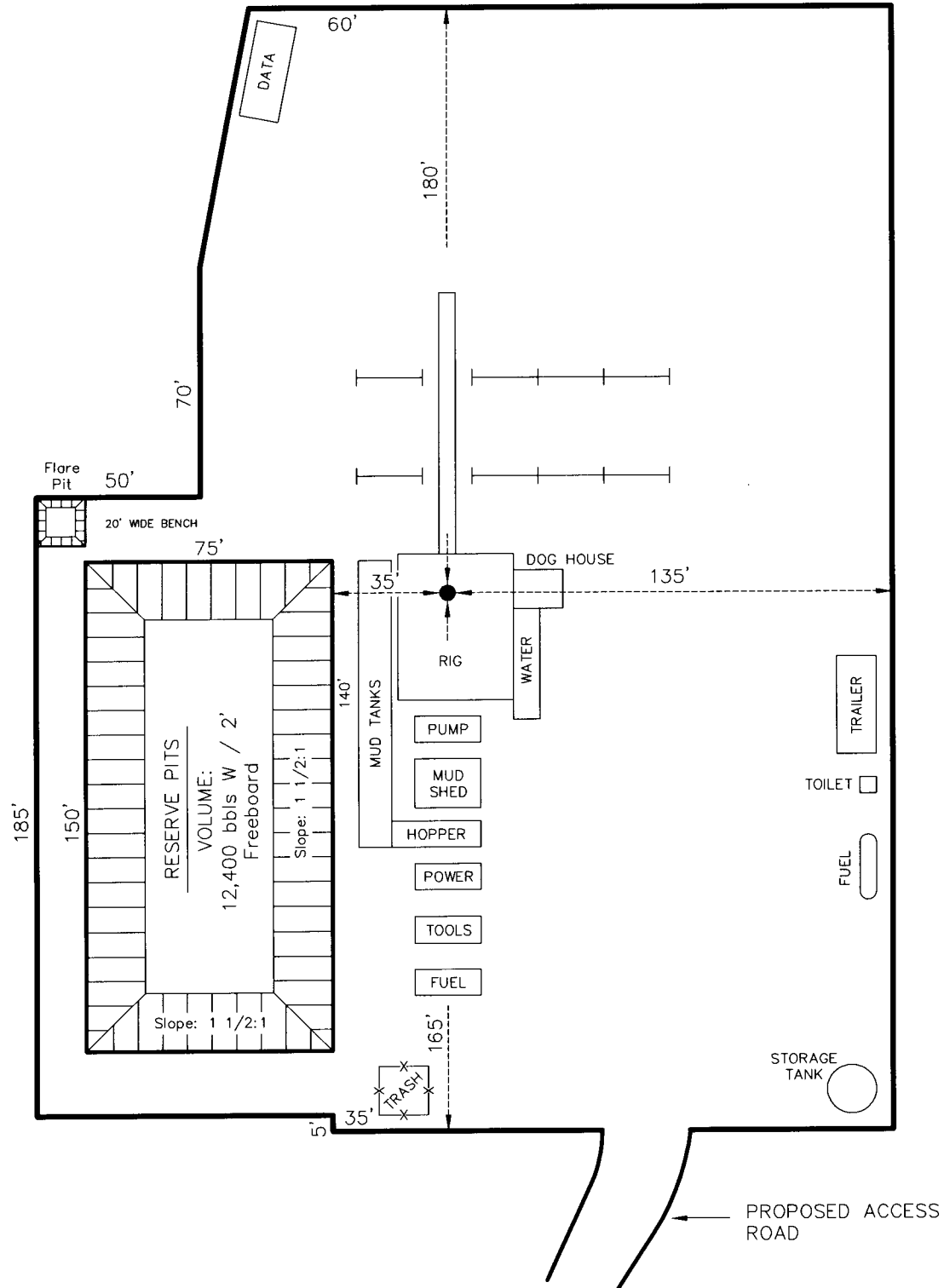
Timberline (435) 789-1365
Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
4
OF 10

CABOT OIL AND GAS

TYPICAL RIG LAYOUT NW BULLHORN 17-24



Section 17, T29S, R24E, S.L.B.&M.

Location: LOT 2

Footage Location: WELL 1915' FNL & 502' FEL

Date Surveyed:
12-13-05

Date Drawn:
01-03-06

Date Last Revision:
02-23-06

Timberline
Land Surveying, Inc.

(435) 789-1365

SHEET

Surveyed By: D.J.S.

Drawn By: B.J.S.

Scale: 1" = 50'

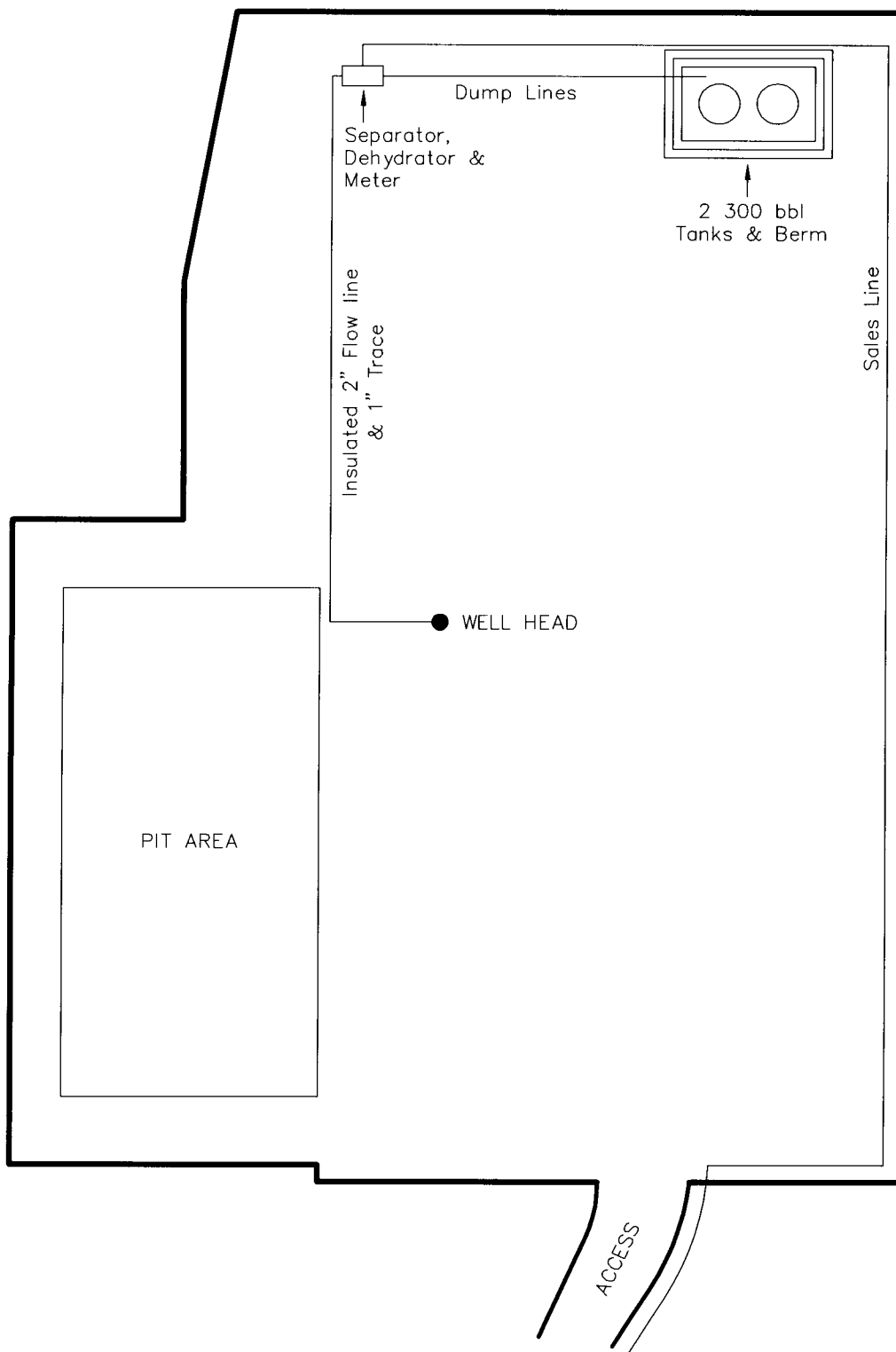
38 WEST 100 NORTH VERNAL, UTAH 84078

5
OF 10

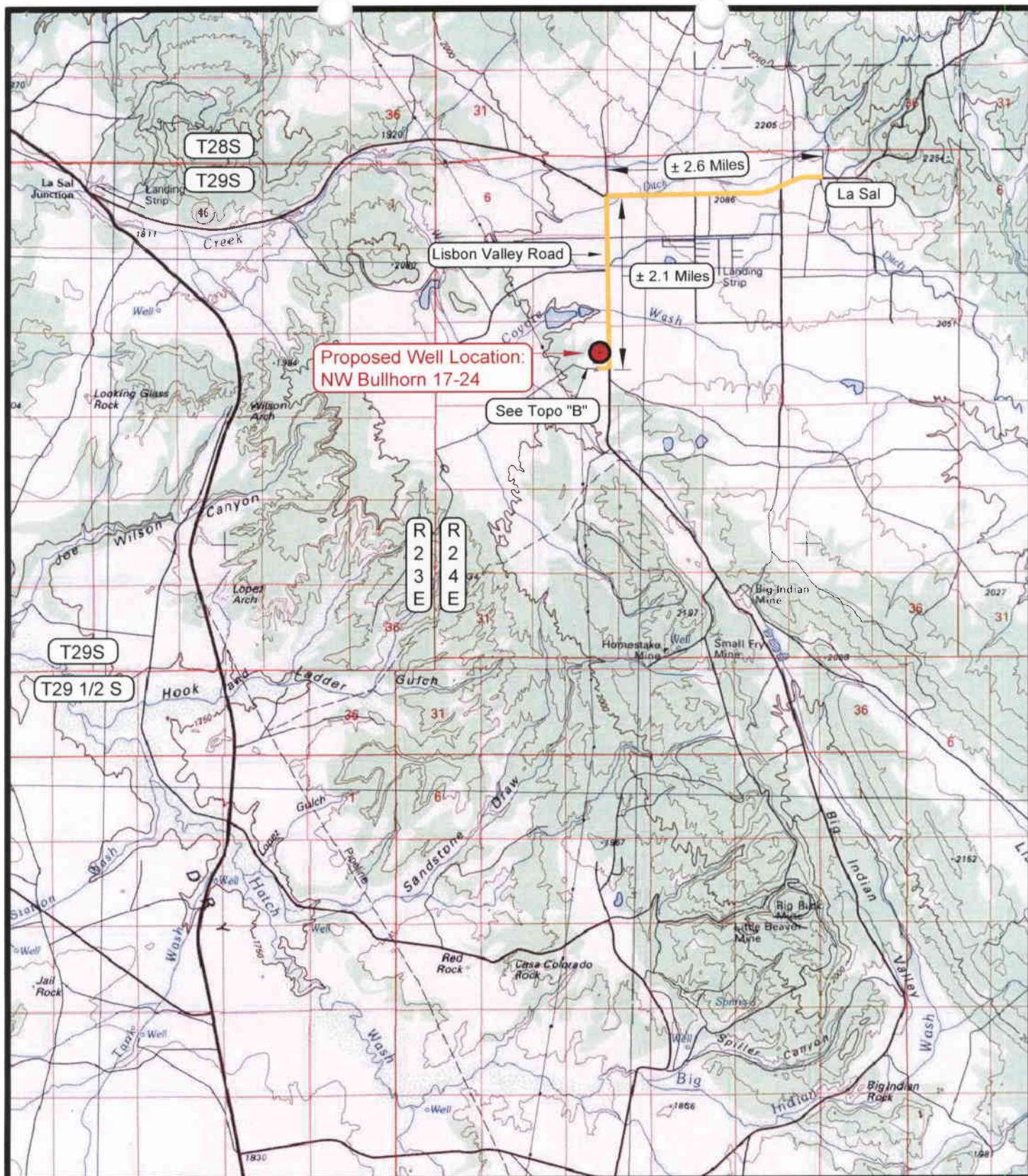
CABOT OIL AND GAS

TYPICAL PRODUCTION LAYOUT

NW BULLHORN 17-24



Section 17, T29S, R24E, S.L.B.&M.		Location: LOT 2		Footage Location: WELL 1915' FNL & 502' FEL	
Date Surveyed: 12-13-05	Date Drawn: 01-03-06	Date Last Revision: 02-23-06	<div>Timberline<i>Land Surveying, Inc.</i></div> <div>(435) 789-1365</div> <div>38 WEST 100 NORTH VERNAL, UTAH 84078</div>		SHEET 6 OF 10
Surveyed By: D.J.S.	Drawn By: B.J.S.	Scale: 1" = 50'			



LEGEND

- | | |
|------------------------------------|---------------------------------------|
| PROPOSED ACCESS ROAD | — = LEASE LINE AND / OR PROPERTY LINE |
| ■ ■ ■ ■ ■ = SUBJECT WELL | |
| ■ ■ ■ ■ ■ = SHARED ACCESS | |
| — = EXISTING ROAD | |
| — = EXISTING ROAD (TO BE IMPROVED) | |

TOPOGRAPHIC MAP "A"

SCALE: 1:100,000

DRAWN BY: B.J.S.

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

REVISED: 02-23-06 M.W.W.

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
7
OF 10



LEGEND

- | | |
|------------------------------------|---------------------------------------|
| PROPOSED ACCESS ROAD | — = LEASE LINE AND / OR PROPERTY LINE |
| — = SUBJECT WELL | |
| — = SHARED ACCESS | |
| — = EXISTING ROAD | |
| — = EXISTING ROAD (TO BE IMPROVED) | |

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

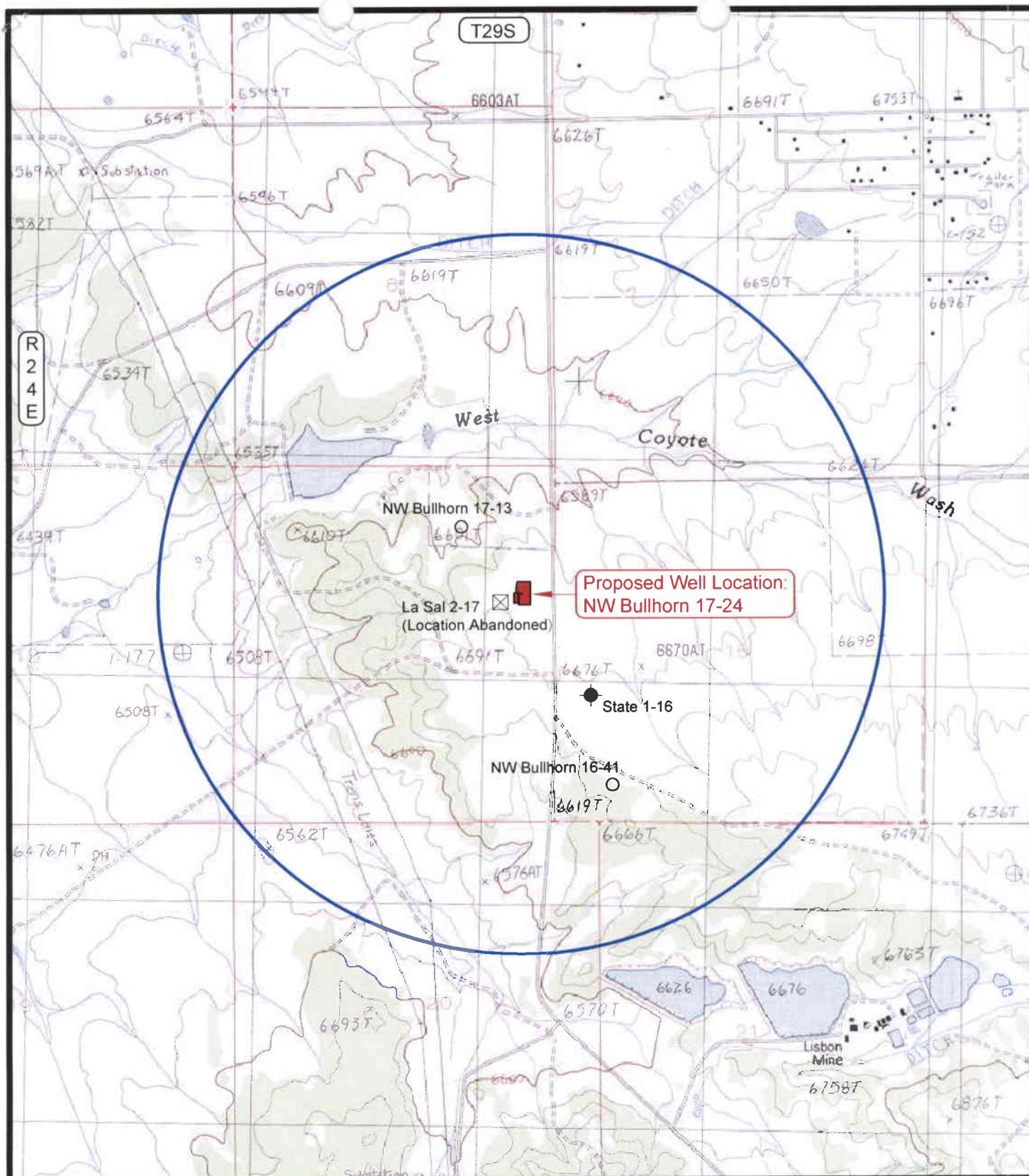
REVISED: 02-23-06

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
8
OF 10



LEGEND

- | | |
|--------------------|--------------------------------|
| ○ = DISPOSAL WELL | ○ = WATER WELL |
| ● = PRODUCING WELL | ● = ABANDONED WELL |
| ● = SHUT IN WELL | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL | |

TOPOGRAPHIC MAP "C"

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

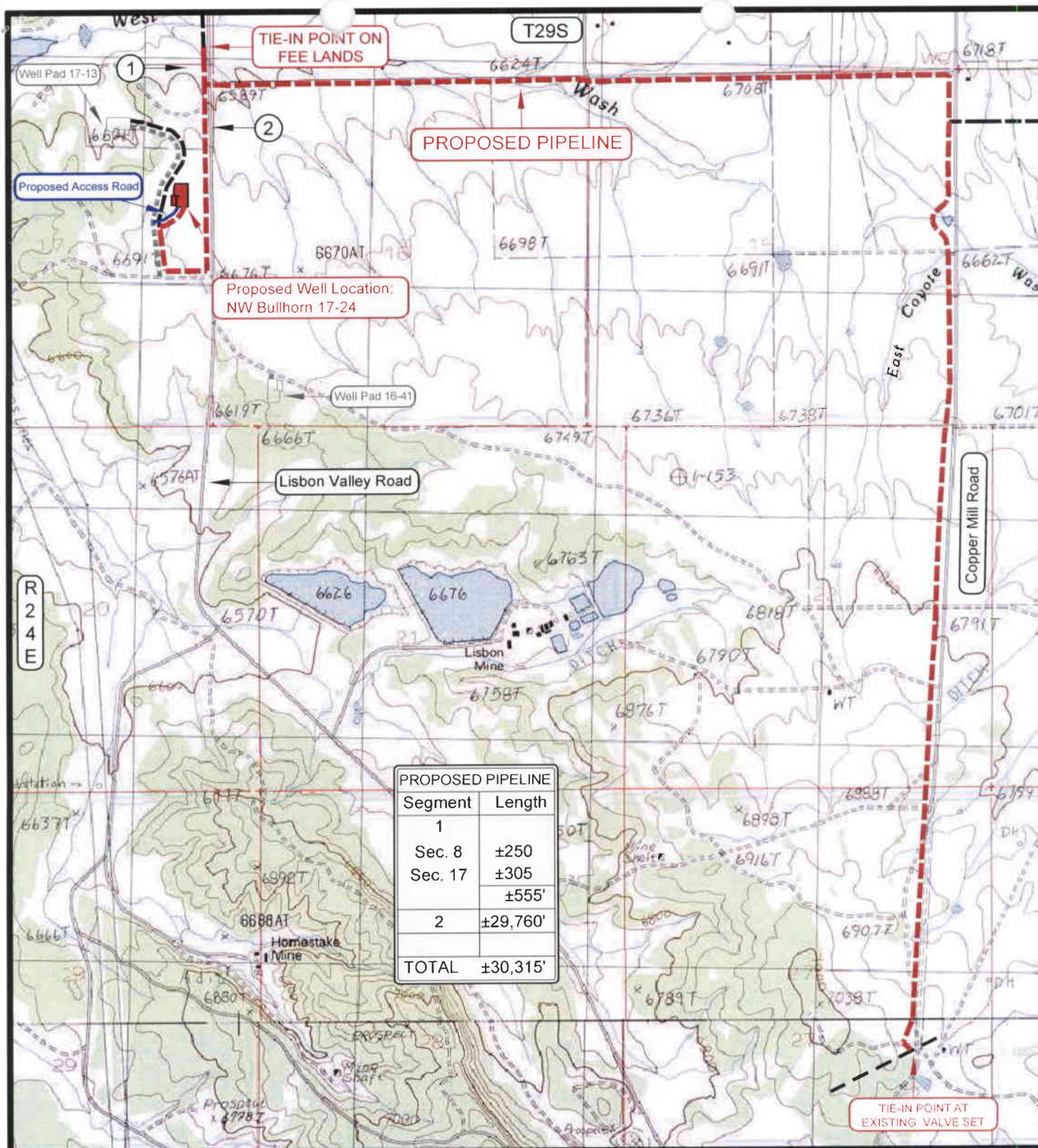
REVISED:

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
9
OF 10



APPROXIMATE PIPELINE LENGTH = 30,315 FEET

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

TOPOGRAPHIC MAP "D"

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

REVISED: 03-17-06 M.W.W.

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
10
OF 10

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/12/2006

API NO. ASSIGNED: 43-037-31847

WELL NAME: NW BULLHORN 17-24

OPERATOR: CABOT OIL & GAS CORP (N6345)

CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

PROPOSED LOCATION:

SENE 17 290S 240E

SURFACE: 1915 FNL 0502 FEL

BOTTOM: 1915 FNL 0502 FEL

COUNTY: SAN JUAN

LATITUDE: 38.28304 LONGITUDE: -109.2946

UTM SURF EASTINGS: 649160 NORTHINGS: 4238388

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-78731

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: DSCR

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 5809579)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. T-30139)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

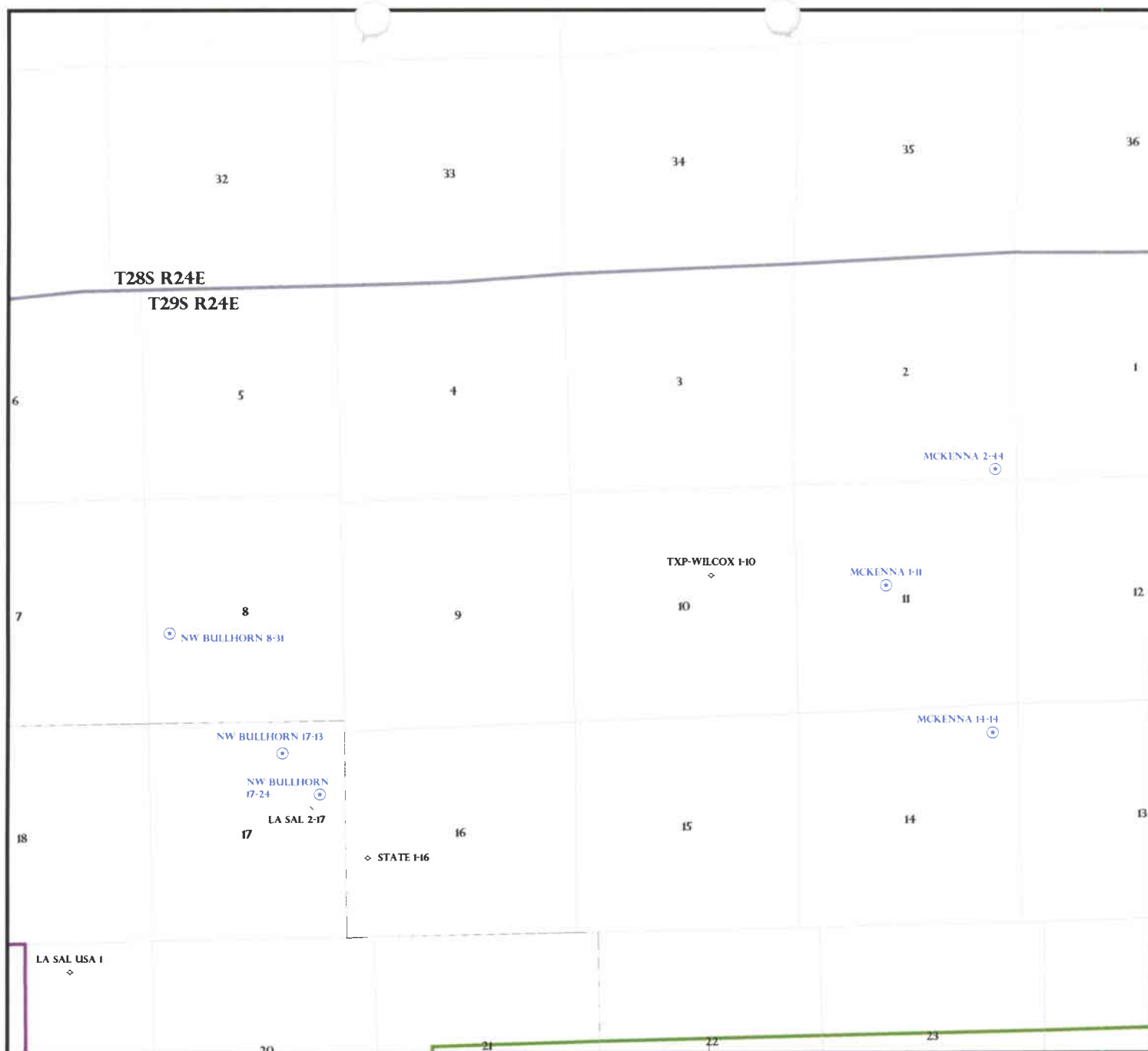
LOCATION AND SITING:

☐ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Lease Approval

2- Spacing Map



OPERATOR: CABOT O&G (N6345)

SEC: 17 T. 29S R. 24E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-2 / GENERAL SITING

Field Status

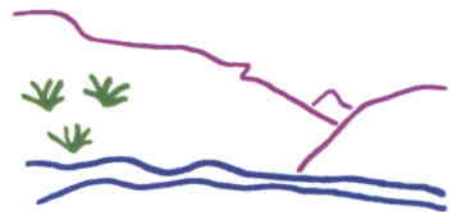
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

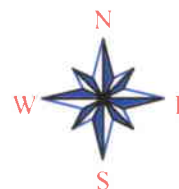
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- + GAS INJECTION
- x GAS STORAGE
- x LOCATION ABANDONED
- o NEW LOCATION
- x PLUGGED & ABANDONED
- o PRODUCING GAS
- o PRODUCING OIL
- o SHUT-IN GAS
- o SHUT-IN OIL
- x TEMP. ABANDONED
- o TEST WELL
- o WATER INJECTION
- o WATER SUPPLY
- o WATER DISPOSAL
- o DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 13-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 17, 2006

Cabot Oil & Gas Corporation
600 17th St., Ste. 900 N.
Denver, CO 80202

Re: NW Bullhorn 17-24 Well, 1915' FNL, 502' FEL, SE NE, Sec. 17, T. 29 South,
R. 24 East, San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31847.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Cabot Oil & Gas Corporation
Well Name & Number NW Bullhorn 17-24
API Number: 43-037-31847
Lease: UTU-78731

Location: SE NE **Sec.** 17 **T.** 29 South **R.** 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.
UTU-78731

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NW Bullhorn 17-24

9. API Well No.
43103731847

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
San Juan County, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cabot Oil & Gas Corporation

Contact: **Terry Jackson**

3a. Address

600 17th Street, Suite 900 N Denver, CO 80202-8959

3b. Phone No. (include area code)

303-226-9400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

At surface: **1,915' FNL 502' FEL Lot 2 SE/4 NE/4 Sec. 17 T29S-R24E**

At proposed prod zone: same as above

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other submit H2S contingency plan
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached please find Cabot's H2S Contingency plan for the NW Bullhorn # 17-24

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Rolando D. Benavides

Title **Operations**

Signature



Date **May 16, 2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAY 22 2006

DIV. OF OIL, GAS & MINING

SAN JUAN COUNTY, UTAH

Ambulance, Police, Fire: 911

Non-emergency dispatch:..... 435-587-3225

HOSPITALS

Blanding, Utah 84511

San Juan Regional Medical Center 435-678-3434

804 N. 400 West

Eagle Air Med Corporation.....435-3222

CORTEZ, CO

Southwest Memorial Hospital 970-565-6666

1311 N. Mildred Road

SHIPROCK, NM

Northern Navajo Medical Center 800-549-5644

U.S. Hwy 666 N

Doctor: _____

Bureau of Land Management, Utah 801-539-4001
Utah Department of Public Safety 800-222-0038
Navajo Police Department, Shiprock, NM 505-368-1350
Utah Oil & Gas Division 801-538-5277
Utah Poison Control 800-222-1222
Utah Department of Wildlife Resources 801-539-4001
Utah State OSHA (Occupational Safety Health Administration) 801-530-6855
"One Call", Statewide ("Call Before You Dig") 800-662-4111
Poison Control 800-432-6866
Division of Emergency Services & Homeland Security 801-538-3400
San Juan County, UT Sheriff, Monticello, UT 435-587-2237
Utah State Highway Patrol, Moab, UT 435-259-5441
CHEMTREC 800-724-9300

SAFETY ALLIANCE, INC.

Partnerships for Safe Working Environments



NW Bullhorn # 17-24
H2S Contingency Plan

LOCATION INFORMATION

Location Name:	NW Bullhorn # 17-24
Rig Name and Number:	United Drilling # 28
Company Phone Number (location):	254-387-9573 (Trailer)
Location Supervisor:	Dave Moore/Lee Vaughan
Rig Supervisor/Tool Pusher:	To be determined
Safety Consultant:	Safety Alliance, Inc. 505-325-7233
Township and Range:	Sec. 17-T29S-R24E (SE/4 NE/4)
Latitude and Longitude:	Lat: 38.283035 N Long: 109.294611 W

LIST OF EMERGENCY COMPANY CONTACT NUMBERS

Contacts	Cabot Oil & Gas Corporation Title	Work Phone	Home Phone	Cell Phone
Terry Jackson	Sr. Drilling & Completion Engineer	303-226-9429	303-771-0570	303-868-6612
David Wojahn	Regional Operations Manager	303-226-9423	303-771-0866	303-929-7753
Phil Stalnaker	Western Regional Manager	303-226-9433	303-770-2403	303-902-6150

CHECK LIST

List of Emergency Numbers:	See above.
Daily Weather Reports:	To be obtained daily by consultant.
Radius of Exposure:	To be calculated by consultant.
Topography of the Area	Attached.
List of Residents and Businesses within a two mile radius.	There are none.

**CABOT OIL & GAS CORP.
NW BULLHORN # 17-24
SEC. 17, T29S, R24E, S.L.B. & M.**

Proceed in a westerly direction from La Sal, Utah along State Highway 46 approximately 2.6 miles to the junction of the Lisbon Valley Road; exit left and proceed in a southerly direction along the Lisbon Valley Road approximately 2.1 miles to the junction of the West Coyote Road; exit right and proceed in a westerly direction approximately 0.1 miles to the proposed access road for the NW Bullhorn # 17-13. Exit right proceed in a northerly direction approximately 735' to the proposed access road of the NW Bullhorn # 17-24. Exit right and follow road flags in a northeasterly direction approximately 495' feet to the proposed locations.

Total distance from La Sal, Utah to the proposed well location is approximately 5.0 miles.

T29S, R24E, S.L.B.&M.

Found 1916 G.L.O.
Brass Cap buried 2' in
bar ditch of County
Road CC

CABOT OIL AND GAS

WELL LOCATION, NW BULLHORN 17-24,
LOCATED AS SHOWN IN LOT 2 OF
SECTION 17, T29S, R24E, S.L.B.&M.
SAN JUAN COUNTY, UTAH.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. Basis of elevation is bench mark G127 1934 located in the West 1/2 of Section 3, T29S, R24E, S.L.B.&M. The elevation of this bench mark is shown on the 1st Sal West, Utah 7.5 min. Quadrangle as being 6844'.
4. The monument at the Northeast Corner of Section 17 bears N03°07'09"W 277.94' from the monument at the Northwest Corner of Section 16.

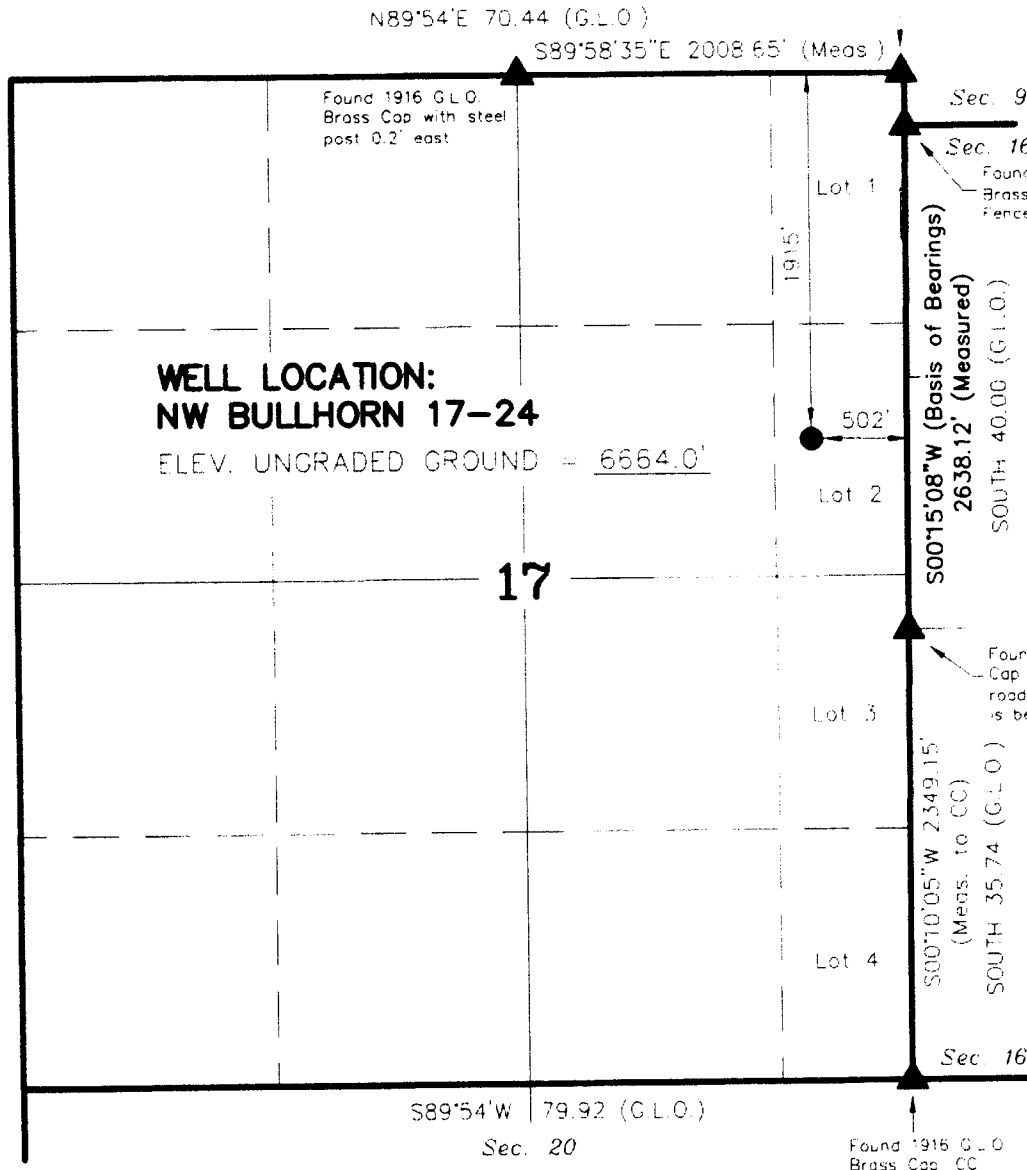
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF A CADASTRAL SURVEY
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

Kelly R. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 12/13/05	SURVEYED BY: D.J.S.	SHEET 2 OF 10
DATE DRAWN: 01/03/06	DRAWN BY: B.J.S.	
SCALE: 1" = 1000'	Date Last Revised	



N07°03'W (G.L.O.)

**WELL LOCATION:
NW BULLHORN 17-24**

ELEV. UNGRADED GROUND = 6664.0'

17

Lot 1

Lot 2

Lot 3

Lot 4

Sec. 9

Sec. 16

Sec. 16

Sec. 20

▲ = SECTION CORNERS LOCATED

**UTAH STATE PLANE COORDINATES,
1927, SOUTH ZONE**

X = 2,632,978.701
Y = 596,018.207

**NW BULLHORN 17-24
(Surface Location)**

NAD 83

LATITUDE = 38° 16' 58.909" N
LONGITUDE = 109° 17' 43.432" W

REVISID: 02-23-08 M.W.W.

T29S

Hesla
ShaftLa Sal Junction ± 6.4 MilesLa Sal ± 2.6 Miles

State Highway 46

66Q3A1

Lisbon Valley Road

 ± 2.1 MilesR
2
4
E

West

Coyote

Wash

Proposed Well Location:
NW Bullhorn 17-24Proposed Access Road
 ± 495 Feet
6670A1 ± 735 Feet

West Coyote Road

 ± 0.1 Miles

LEGEND

PROPOSED ACCESS ROAD

----- = SUBJECT WELL

----- = SHARED ACCESS

= EXISTING ROAD

= EXISTING ROAD (TO BE IMPROVED)

----- = LEASE LINE AND / OR
PROPERTY LINE

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

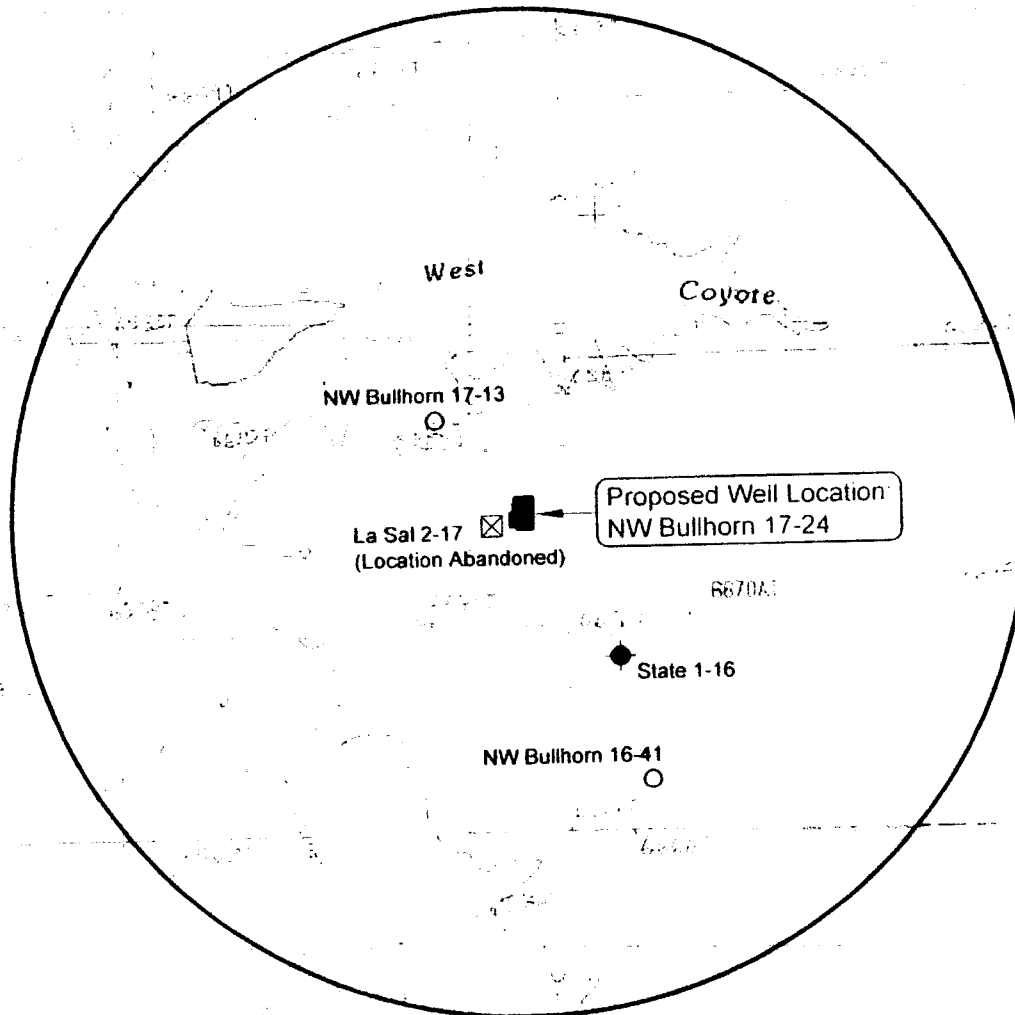
REVISED: 02-23-06

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FELTimberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365SHEET
8
OF 10

T29S

R
2
4
E



LEGEND

- | | |
|--------------------|--------------------------------|
| ○ = DISPOSAL WELL | ○ = WATER WELL |
| ● = PRODUCING WELL | ● = ABANDONED WELL |
| ● = SHUT IN WELL | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL | |

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-13-05

DATE DRAWN: 01-03-06

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

REVISED:

CABOT OIL AND GAS

NW Bullhorn 17-24
SECTION 17, T29S, R24E, S.L.B.&M.
1915' FNL & 502' FEL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
9
OF 10

HYDROGEN SULFIDE CONTINGENCY PLAN

Company Operation Manager

1. The Company Operation Manager will be responsible for notifying and maintaining contact with company managers and supervisory personnel.
2. Maintain communication with the location supervisor to proceed with any other assistance that might be required.
3. Travel to well location is appropriate.
4. Assist location supervisor with all other notifications-both company and regulatory.

Well Specialist (Location Supervisor)

1. The location supervisor will confirm that all personnel on location at any time are trained in Hydrogen Sulfide Safety Awareness, are clean shaven and are familiar with safety equipment on-site and have personal Hydrogen Sulfide monitor for their protection.
2. Ensure that all safety and emergency procedures are observed by all personnel.
3. Make an effort to keep the number of personnel on location to a minimum and to ensure that only essential personnel are on location during critical operations.
4. Conduct weekly hydrogen sulfide emergency mock drill.
5. Should extreme danger condition exist, the location supervisor will:
 - a. Assess the situation and advise all personnel by appropriate means of communication.
 - b. Be responsible for determining that the extreme danger condition is warranted and the red flag shall be posted at location entrance.
 - c. Go to safe briefing area and give clear instructions relative to hazard on location, and actions for personnel to follow.
 - d. Notify company and regulatory groups of current situation as outlined in company protocol. Follow appropriate emergency procedures for emergency services notification.
 - e. Proceed to rig floor and supervise operations with rig supervisor. Take action to control and reduce the hydrogen sulfide hazard.
 - f. Ensure that essential personnel are properly protected with supplied air breathing equipment and that non-essential personnel are in a muster station free hydrogen sulfide.
 - g. Be responsible for authorizing evacuation of persons/residents in area surrounding the drilling location.

Rig Supervisor-Tool Pusher

1. If the Location Supervisor is unable to perform his/her duties, and the alternate representative is also unable or unavailable to perform his/her duties, the rig supervisor-tool pusher will assume command of well site operations and all responsibilities listed above for rig personnel.
2. Ensure that all rig personnel are properly trained to work in Hydrogen Sulfide environment and fully understand the purpose of hydrogen sulfide monitors and alarms, and the action to take when alarms visual/audible initiate. Ensure that all crew members that all crew personnel understand the buddy system, safe briefing areas, muster stations, emergency evacuation procedures and individual duties.
3. Should an extreme danger operational condition arise, the rig supervisor-tool pusher shall assist the Location Supervisor by:
 - a. Proceeding to the rig floor and assist in supervising rig operations.
 - b. Ensure that only essential personnel remain in the hazardous areas.
 - c. Ensure that all personnel that remain in hazardous area, wear supplied air breathing equipment until notified all is **"CLEAR"** of any toxic gases.
 - d. Assign rig crew member or other service representative to block entrance to location. No unauthorized personnel will be allowed entry to location.
 - e. Help to determine hazardous "danger zones" on location using portable detection equipment.
 - f. Position electric fans to move gas in any high concentration areas with Continuous monitoring of the area.

SAFETY CONSULTANT

1. During NORMAL operations (no hydrogen sulfide present), the safety consultant will be responsible for the following:
 - a. Ensure that all well site safety equipment is in place and operational.
 - b. Ensure that all well site personnel are familiar with location safety layout and operation of all safety equipment.
 - c. Ensure that all well site personnel are adequately trained in Hydrogen Sulfide Safety Awareness and are cleaned shaven.
 - c. Assist location supervisor with weekly hydrogen sulfide emergency mock drill.
2. When an operational condition is classified as extreme danger, the safety consultant will be responsible for the following:
 - a. Account for all well site personnel.
 - b. Assess any injuries and direct first aid measure.
 - c. Ensure that all safety and monitoring equipment is functioning properly and available.

- d. Monitor the safety of well site personnel.
- e. Maintain a close communication with the location supervisor.
- f. Be prepared to assist location supervisor with support of rig crew or other personnel using supplied air breathing equipment.
- g. Be prepared to assist location supervisor with emergency procedures.
- h. Be prepared to assist with evacuation of any area residents or other personnel working in the immediate area.

All Personnel

1. Always be alert for possible Hydrogen Sulfide visual/audible alarms.
2. Be familiar with location of Safe Briefing Areas and Muster Stations.
3. Be familiar with location of and operation of all air supplied breathing equipment.
4. Familiarize yourself with nearest escape routes for safe evacuation
5. Be aware of prevailing wind direction, any changes in wind direction, or absence of wind by checking the wind socks placed around location, and be aware of uphill direction.
6. If hydrogen sulfide lights and/or siren initiates **"STAY CALM"** don escape breathing systems and follow directions of person in charge and proceed to briefing area/muster station. Do not initiate rescue until directed by person in charge.
7. Essential personnel shall don Self-Contained Breathing Apparatus (SCBA) and work using the **"BUDDY SYSTEM"** will rescue any victims and work to control Hydrogen Sulfide Release.
8. Non-essential personnel shall evacuate to the appropriate safe briefing area using escape breathing systems. Wait there for further instructions from person in charge.

RIG LAYOUT

Location

1. All supplied air breathing equipment and hydrogen sulfide monitors will be rigged up prior to starting any operation suspected to encounter hydrogen sulfide. The rig crews and other service personnel will be trained at this time. This will allow sufficient time for all rig crews to be trained and all safety equipment in place and functioning when the first sour zone is actually encountered.
2. The rig will be situated on location to allow for the prevailing winds to blow across the rig toward the circulation tanks or at right angles to the lines from the B.O.P. s to the circulation tanks.
3. The entrance to the location is designed so that it can be barricaded if a hydrogen sulfide emergency condition arises. An auxiliary exit route will be available so that in case of an emergency, a shift in wind direction would not prevent escape from the location.
4. A minimum of 2 safe briefing areas/muster stations shall be designated for assembly of personnel during emergency conditions. These will be located at least 150 feet or as practical, from the well bore and in such a location that at least one area will be upwind of the well at all times. Upon recognition of an emergency situation, all personnel will be trained to assemble at the designated briefing area for instructions.
5. Smoking areas will be established and **"NO SMOKING"** signs will be posted around the location.
6. Reliable 24 hour radio or telephone communications will be available.
7. A hydrogen sulfide sensor will be rigged up at the manifold to the choke system.
8. All equipment that might come into contact with hydrogen sulfide – drill pipe/work strings, test tools, blowout preventer, casing, choke system will meet metallurgy requirements for hydrogen sulfide service.
9. The rig will have a continuous electronic hydrogen sulfide detection system that automatically will activate visible and audible alarms if hydrogen sulfide is detected. The visible light will activate at 10 ppm H₂S, and audible siren will activate if 15 ppm or higher concentration is present. There will be at least 4 H₂S sensors in place on the rig. They will be located to detect the presence of hydrogen sulfide in areas where it is most likely to come to the surface. The sensor head locations will be: 1) rig floor by driller's console, 2) substructure area near the bell nipple, 3) two additional sensors will be positioned at the discretion of the location supervisor. At least one light and one siren will be placed on the rig so that the presence of hydrogen sulfide. The light and siren will be strategically placed to be visible to all personnel on the location site. Additional alarm

lights & sirens may be added to ensure that all personnel on the drill site are able to visibly see the lights from anywhere on location.

10. The H₂S detection equipment will be calibrated as recommended by the manufacturer.

11. At least 2 windsocks will be placed around the location site to ensure that everyone on the location can readily determine wind direction. One windsock will be mounted on or near the rig floor to be readily visible to rig crews when tripping pipe.

12. All respiratory protective equipment will be NIOSH/MSHA approved positive pressure type and maintained according to manufacturer's guidelines. All breathing air used for this equipment must be tested every 6 months and approved GRADE D compressed breathing air.

13. Both 30 minute self-contained breathing apparatus (SCBA) and work units with escape cylinders will be available on location. There will be sufficient numbers of this supplied air breathing equipment on location to ensure that all personnel on location have 1 piece of equipment available to them. All respiratory protective equipment will use nose cups to prevent fogging in temperatures below 32 degrees F. Spectacle kits will be available for personnel that require corrective lenses when working under mask.

14. Hydrogen Sulfide mock drills will be conducted at least weekly to ensure that all well site personnel are competent in emergency donning procedures. These drills will be recorded in the daily log.

SAFETY PROCEDURES

Training

All personnel who come on the location must be properly trained in hydrogen sulfide safety awareness. Must be clean shaven and have a Hydrogen Sulfide Safety Awareness card that has not expired.

Training topics shall include at a minimum:

- a. hazards and characteristics of hydrogen sulfide, nitrogen, and oxygen deficient atmospheres and symptoms of exposure to these gases.
- b. proper use, care and limitation of respiratory protective equipment with hands on practice.
- c. use of both fixed and portable detection monitors.
- d. work practices to reduce opportunities for hydrogen sulfide exposure as well as confined space procedures.
- e. first aid for toxic gas exposure and resuscitation equipment.
- f. the buddy system

- g. emergency evacuation procedures
 - h. a review of the contingency plan for the well
- In addition to hydrogen sulfide safety awareness personnel need to be currently trained in adult CPR/First Aid/Bloodborne Pathogens.

OPERATING CONDITIONS

Operating Conditions

A sign with three color flag warning system will be used to notify personnel approaching the location under what condition the location is operating at. This system will be in compliance with BLM standards 00#6 and industry standards both state and federal.

Green Flag – potential danger

Yellow Flag – moderate danger

Red flag – extreme danger –do not approach if red flag is flying.

Evacuation Plan

If there is residents/business/work going on within a 2 mile radius of the location site, they will be notified and asked to evacuate.

Evacuations will be initiated by the company managers/supervisors and coordinated with appropriate emergency services.

All regulatory agencies will be notified as soon as possible.

Emergency Rescue Procedures

Well site personnel should not attempt emergency rescues unless they have been properly trained. a trained person who discovers another person overcome by hydrogen sulfide should not attempt **RESCUE** without donning a self-contained breathing apparatus (SCBA). When making an emergency rescue always use the following procedures:

1. Don self-contained breathing apparatus (SCBA) before attempting a rescue.
2. Remove the victim using the buddy system, from the contaminated area to an area free of toxic gas by going upwind or cross wind and personal monitors have stopped alarming before removing your SCBA.
3. Check victims Airway, Breathing, and Circulation (ABC's) and provide appropriate care using barrier devices such as micro-shield, resuscitation pocket mask, or a Bag-valve-mask w/oxygen if available and appropriately trained.
4. As soon as emergency personal arrive patient care will be given to them.

5. Any personnel who experienced hydrogen sulfide exposure will be transported via appropriate transportation to the closest hospital/clinic/doctors office for further testing and observation. And release of patient will be under written advisement of physician in charge.
6. All contract companies will be advised and will cooperate and work with the accident investigation and be notified of any accident investigation results.

HYDROGEN SULFIDE SAFETY EQUIPMENT

QUANTITY	DESCRIPTION
1	Safety trailer with cascade system consisting of (8) 347 cu.ft. compressed air tanks with high-pressure regulators. certificate available.
1	1000 ft. low pressure airline hose with Hanson locking fittings, rigged-up with manifolds to supply breathing air to the personnel on the rig floor, substructure, derrick, shale shaker area, and mud mixing areas.
6	Self-contained breathing apparatus (SCBA)
6	Emergency Escape Breathing Apparatus (EEBA)
1	4-channel continuous electronic hydrogen sulfide monitor with visual/audible alarm. Span and set at 10-15 ppm by a certified technician and calibration sheet available as well as sticker on unit.
1	Gastec and/or detcon detection pump unit with tubes to test for hydrogen sulfide and sulfur dioxide.
1	First aid kit
1	Backboard with straps and headblocks, C-collar and tape
2	Windsocks with poles
1	Well condition sign with 3 flag system
2	Safe briefing area/muster station signs
1	Fire blanket
2	20# fire extinguishers
1	LEL/O2 handheld monitor calibration sheet available as well as sticker on unit.
1	Eyewash station
1	Microsheild/resesitation pocket mask/bag-valve mask with O2 inlet
2	Tanks oxygen with tubing and adult nasal cannulas, adult non-rebreathers.
1	Local emergency phone numbers for police/fire/ems with township and range, longitude and latitude posted inside the trailer on the wall in plain view.
1	Bloodborne pathogen kit

A drawing of the location will be inserted in this page showing the actual placement of all safety equipment relative to other equipment on location.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> B TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <p align="center">UTU-78731</p> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">na</p> 7. UNIT AGREEMENT NAME <p align="center">na</p> 8. FARM OR LEASE NAME <p align="center">na</p>
2. NAME OF OPERATOR <p align="center">Cabot Oil and Gas</p>		9. WELL NO. <p align="center">NW Bullhorn 17-24</p>
3. ADDRESS OF OPERATORS <p align="center">600 17th ST. Suite 900 N Denver, CO 80202</p>		10. FIELD OR LEASE NAME <p align="center">Paradox</p>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) at surface 1915' FNL & 502' FEL LOT 2 <i>4303731847</i> At proposed prod. Zone same as above		11. Sec., T., R., M., OR BLK AND SURVEY OR AREA <p align="center">Sec. 17, T., 29S, R24E</p>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <p align="center">4.6 miles south of La Sal</p>		12. COUNTY OR PARISH 13. STATE <p align="center">San Juan Utah</p>
15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE - FT. (Also to nearest drlg Unit line, if any) <p align="center">502'</p>	16. NO. OF ACRES IN LEASE <p align="center">1,549</p>	17. NO. OF ACRES ASSIGNED TO THIS WELL <p align="center">40</p>
16. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <p align="center">1200'</p>	19. PROPOSED DEPTH <p align="center">7,200</p>	20. ROTARY OR CABLE TOOLS <p align="center">Rotary</p>
21. ELEVATION (SHOW WHETHER DF, RT, GR, etc.) <p align="center">6582' GR</p>		22. APPROX. DATE WORK WILL START

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	2000'	1025 sks
7 7/8"	5 1/2"	17#	T.D.	800 sks

The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.

**William A Ryan
290 S 800 E
Vernal, UT 84078
435-789-0968**

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24
SIGNATURE William A. Ryan TITLE Agent DATE 4/7/06
(This space for Federal or State Office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY A Lynn Jackson TITLE Assistant Field Manager,
CONDITIONS OF APPROVAL, IF ANY: _____ Division of Resources DATE 4/6/06

***See Instructions on Reverse Side**

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JUN 07 2006

CONDITIONS OF APPROVAL ATTACHED

Cabot Oil & Gas Corporation
NW Bullhorn No. 17-24
Lease UTU-78731
SE/NE (lot 2) Section 17, T29S, R24E
San Juan County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Cabot Oil & Gas Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **CO1232** (Principal – Cabot Oil & Gas Corp.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The surface casing shall be set at least 50 feet below the top of the Chinle Formation, regardless of the depth it is encountered.
2. Prior to commencing well pad construction operations, a Well Site Diagram that depicts H₂S safety systems is to be submitted. To be included on the diagram are: rig orientation; prevailing wind direction; terrain; briefing areas; access road(s); flare line(s); pit(s); location of "caution" and/or "danger" signs; and location of wind direction indicators.
3. Because of the potential to encounter hydrogen sulfide, a rotating head shall be installed on the BOP stack. With that modification, the proposed 3M BOPE is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
4. Because of the possible presence of H₂S, the flare line mouth shall be at least 150 feet from the wellhead, and shall be equipped with an automatic igniter. A flare gun with flares shall be on location as a back-up ignition source.
5. A cement bond log (CBL), or other appropriate tool for determining top-of-cement, shall be run on the production casing and shall be submitted to BLM.

B. SURFACE USE PLAN

1. In order to protect watershed values, no road/well pad construction or drilling operations will be authorized between November 1 and April 30. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
2. In order to protect wintering big game animals, no road/well pad construction or drilling operations will be authorized between November 1 and May 15. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
3. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by BLM in advance.
4. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the BLM Field Office. Within five (5) working days, the BLM will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

- a time frame for the BLM to complete an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the BLM are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the BLM will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The BLM will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the BLM that the required mitigation has been completed, the operator will then be allowed to resume construction.

5. If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

6. With the exception of road crossings and well pads, the on-lease pipelines will be laid above ground and parallel to the roads. No blading or clearing of vegetation with mechanized equipment will be authorized for the installation of the surface pipelines, and the on-lease pipelines will be installed approximately 10 feet from the edge of the roads.
7. The operator will be responsible for weed control on the disturbed areas within the limits of the well pad and road construction. The operator will be responsible for consultation with the authorized officer and/or local authorities for acceptable weed control methods.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Notify the Moab Field Office at least 48-hours prior to commencing construction of location.

Spud- Notify the Moab Field Office 24-hours prior to spudding. Submit written notification of spud (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, immediately notify the Moab Field Office, and work that might disturb the cultural resources shall cease.

First Production- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a *Well Completion or Recompletion Report and Log* (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

Plugging and Abandonment- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Moab Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify **Rich McClure** (435-259-2127) of the Moab Field Office, or **Jeff Brown** (435-587-1525) of the Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation; (McClure)

1 day prior to spudding; (Brown)

50 feet prior to reaching the surface casing setting depth; (Brown)

3 hours prior to testing BOPE. (Brown)

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER UTU-78731
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Cabot Oil & Gas Corporation		8. WELL NAME and NUMBER NW Bullhorn # 17-24
3. ADDRESS OF OPERATOR: 600 17th Street, Ste 900N, Denver CO 80202-8959		9. API NUMBER 43-037-31847
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,915' FNL 502' FEL Lot 2 SE/4 NE/4 Sec. 17 T29S-R24E		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change Drilling Plan
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Plan to drill 12-1/4" hole & set 9-5/8", 36#, J-55, LT & C surface csg @ least 50' below the top of the Chinle formation.

Change hole size below surface casing from 7-7/8" to 8-3/4".

Plan to drill 8-3/4" hole to TD @ 7200' & set 5-1/2", 17#, P-110, LT&C casing.

Will cement 5-1/2" csg from TD to ~200' inside the 9-5/8" surface csg w/~740 sx Premium Lite High Strength FM (12.5 ppg, 2.02 yld).

COPI SENT TO OPERATOR
DATE: 8-22-06
BY: [Signature]

NAME (PLEASE PRINT) Rolando D. Benavides TITLE Contract Petroleum Engineer
SIGNATURE [Signature] DATE August 1, 2006

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 8/9/06
By: [Signature]

Federal Approval Of This
Action Is Necessary

RECEIVED

AUG 1 2006

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CABOT OIL & GAS CORPORATION

Well Name: NW BULL HORN 17-24

Api No: 43-037-31847 Lease Type: FEDERAL

Section 17 Township 29S Range 24E County SAN JUAN

Drilling Contractor UNITED RIG # 5

SPUDDED:

Date 08/18/06

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by DAVE CABOT

Telephone # (559) 310-2979 "CELL"

Date 08/18/06 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Cabot Oil & Gas Corporation **"TIGHT HOLE WELL"** Operator Account Number: N 6345
 Address: 600 - 17th Street, Ste. 900N
city Denver
state CO zip 80202 Phone Number: (303) 226-9400

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731847	NW Bullhorn 17-24		SENE	17	29S	24E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15587	8/18/2006		8/24/06		
Comments: <u>DSCR</u> CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jean Arnold

Name (Please Print)

Signature

Production Tech.

Title

8/21/2006

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DIV. OF OIL, GAS & MINING

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-78731

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

NW Bullhorn 17-24

9. API NUMBER:

4303731847

10. FIELD AND POOL, OR WILDCAT:

Wildcat

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☒OTHER TIGHT HOLE WELL

2. NAME OF OPERATOR:

Cabot Oil & Gas Corp.

3. ADDRESS OF OPERATOR:

600 17th St., Ste. 900N

Denver

CO

80202

PHONE NUMBER:

(303) 226-9443

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1915' FNL & 502' FEL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 17 29S 24E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
Approximate date work will start:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
_____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
Date of work completion:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
_____	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Spud w/ daily activity reports.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas Corporation spud the NW bullhorn 17-24 on 8-18-06 with United Rig #5.
Daily activity reports are attached.

NAME (PLEASE PRINT) Jean Arnold

TITLE Prod. Tech.

SIGNATURE

DATE 8/21/2006

(This space for State use only)

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Well History

21-Aug-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343** Type: **AA**
Artesia Number: **430040001**

SAN JUAN County, UT
Program Year: 2006
Location: SECTION 17, T29S, R24E
Prospect: PARADOX
Formation: CUTLER & HONAKER TRAIL
AFE DHC/CWC: \$1,395,000 / \$2,100,000
Net AFE \$1,395,000 / \$2,100,000
TD: PBTD:
Permit No:
Drop Date:
COGC WI / NRI: 100.00000 87.50000%
BPO / APO: 100.00000 100.00000%

Spud Date:
Completion Date:
P&A Date:
Lease Number:
Date of First Prod:
Rig/Contractor: UNITED RIG #5
Service Contractor:
Pipeline:
API Number: 4303731847
UWI:
GL / KB Elev: 6582 / 0
Rig Release:

Project Type: 1-EXP DRILLING

08/16/2006 Current Depth: 40 Daily Cost: \$72,767 AFE Cost to Date: \$72,767

Current Status: RU UNITED RIG #5

Built road & location. Installed pit liner. Set 20" conductor pipe @ 40'. MI & RU United rig #5. Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/17/2006 Current Depth: 40 Daily Cost: \$0 AFE Cost to Date: \$72,767

Current Status: RU UNITED RIG #5

Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/18/2006 Current Depth: 40 Daily Cost: \$97,477 AFE Cost to Date: \$170,244

Current Status: PREP TO SPUD

Inspected BHA, filled reserve pit w/ fresh water, finished RU United rig #5.

08/19/2006 Current Depth: 712 Daily Cost: \$70,621 AFE Cost to Date: \$240,865

Current Status: DRILLING

Start up equip & prime up all fluid pumps. Set bit, motor & BHA on catwalk.

PU bit & motor.

Spud 12-1/4" surface hole @ 9:30 AM, 8/18/06. Drill f/ 40' to 80', 40' / 2.5 hrs, 16 fph, solid rock.

Drill 12-1/4" hole f/ 80' to 546', 466' / 11.0 hrs, 42.4 fph (got out of solid rock @ 159').

Drill 12-1/4" hole f/ 546' to 556', 10' / 0.5 hr, 20.0 fph.

Drill 12-1/4" hole f/ 556' to 712', 156' / 6.0 hrs, 26.0 fph.

MW 8.4, VIS 26

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 672' in 20 hrs, ROP 33.6

Survey:

MD Angle

516 0.50

Well History

21-Aug-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343**
Artesia Number: **430040001**

Type: **AA**

Project Type: **1-EXP DRILLING**

08/20/2006 Current Depth: 1,704 Daily Cost: \$43,276 AFE Cost to Date: \$284,141

Current Status: **DRILLING**

Drill 12-1/4" hole f/ 712' to 816', 104' / 3.0 hrs, 34.7 fph

Drill 12-1/4" hole f/ 816' to 895', 79' / 2.5 hrs / 31.6 fph.

Drill 12-1/4" hole f/ 895' to 1038', 143' / 2.0 hrs, 71.5 fph.

Drill 12-1/4" hole f/ 1038' to 1482', 444' / 9.5 hrs, 46.7 fph.

Drill 12-1/4" hole f/ 1482' to 1577', 95' / 2.0 hrs, 47.5 fph.

Drill 12-1/4" hole f/ 1577' to 1704', 127' / 3.5 hrs, 36.3 fph.

MW 8.4, VIS 27

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 1664' in 42.5 hrs, ROP 39.2

Survey:

MD	Angle
1006	0.50
1546	2.00

08/21/2006 Current Depth: 2,355 Daily Cost: \$31,529 AFE Cost to Date: \$315,670

Current Status: **MAKE WIPER TRIP**

Drill from 1704' to 2355'. WLS 2 1/2 degrees at 2021'. Bit #1 2315', 65 1/2 hours.

Pason Systems USA Corp.

16100 Table Mountain Parkway, Suite 100

Golden, Colorado 80403

Golden (720) 880-2000

Rig Cell (303) 204-8332

Geologist: Daniel Brahosky

CONFIDENTIAL

T295 R24E S-17

43-039-31847

DAILY MORNING REPORTDATE 8/21/06, DrillingCOMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (Sam est.) 2335 YESTERDAYS DEPTH (ft) 1641 FT/24 Hr 694FORMATION NOW DRILLING IN WingateFORMATION TOPS Kyenta 1827', Wingate @ 2209'PROJECTED FORMATION TOPS Chinle 3100', Cutler 4105', HKTL 5 4605, HKTL 4 5164', HKTL 3 5534', HKTL 2 5776'. HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 15-51u 24 hr.Lo/ Hi 15u/128u TRIP GAS _____CONNECTION GAS 128u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS:clr-trns wht rdbrn, vfgr occ fgr, rd wrd occ sbrd, wsrt vwsrt, mod-v calic w/ tt grn clsters, tt mtz, mod l por, NSFOC 80% SS 20% SLTSTSAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #1 12 1/4 HTC, HTR-30 CPX, IN 30'WOB 37 RPM 37 PP 1600 SPM 84 LAG 7.81 MIN. AT 2535' FEETMUD AT 1900 WT 8.4 VIS 27 PH 10.0 WL 0 CHL 800 CK -/-

SURVEYS _____

Remarks Drilling ahead to casing point

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PASON SYSTEMS USA CORP.

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Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL

T 295 R 24 E S-17
43-037-31847

DAILY MORNING REPORTDATE 8/22/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. ^{n/w} BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 2600 YESTERDAY'S DEPTH (ft) 2335 FT/24 Hr 265FORMATION NOW DRILLING IN WingateFORMATION TOPS Kyenta @1827', Wingate @ 2209'PROJECTED FORMATION TOPS Chinle 3100', Cutler 4105', HKTL 5 4605', HKTL 4 5164', HKTL 3 5534', HKTL 2 5776', HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 15-25u 24 hr.Lo/ Hi 11u/134u TRIP GAS _____CONNECTION GAS 134u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS: ltgy-mgry-trnsl-offwh-wh-grn, vfgr-fgr, sbang-ang-sbrnrd, psrt-msrt, pcmt-mcmt, mcalc-msil, ppor 80% SS 20% SLTSTSAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #2 12 1/4 SMITH, CF 30 BVCPS, MY2579, IN 2371"WOB 21 RPM 8 PP 1145 SPM 63 LAG 8.63 MIN. AT 2604' FEETMUD AT 2449 WT 8.4 VIS 27 PH 10.1 WL 0 CHL 2000 CK -/-

SURVEYS _____

RECEIVEDRemarks Drilling ahead to casing point. Running one pump**AUG 22 2006**

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Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

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T295 R24E S-17
43-037-31847

DAILY MORNING REPORTDATE 8/23/06, DrillingCOMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 2900 YESTERDAYS DEPTH (ft) 2600 FT/24 Hr 300FORMATION NOW DRILLING IN WingateFORMATION TOPS Kyenta @1827', Wingate @ 2209'

PROJECTED FORMATION TOPS Chinle 3100', Cutler 4105', HKTL 5 4605', HKTL 4 5164', HKTL 3 5534', HKTL 2 5776', HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 15-25u 24 hr.Lo/ Hi 11u/108u TRIP GAS _____CONNECTION GAS 108u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS: ltgy-mgry-trnsl-offwh-wh-grn, vfgr-fgr, sbang-ang-sbrnrd, psrt-msrt, pcmt-mcmt, mcal-msil, ppor 80% SS 20% SLTST

SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #2 12 1/4 SMITH, CF 30 BVCPS, MY2579, IN 2371"WOB 24 RPM 37 PP 1664 SPM 80 LAG 9.54 MIN. AT 2900 FEETMUD AT 2645 WT 8.4 VIS 27 PH 10.5 WL 0 CHL 2000 CK -/-

SURVEYS _____

Remarks Drilling ahead to casing point.**RECEIVED****AUG 23 2006**

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100

Golden, Colorado 80403

Golden (720) 880-2000

Rig Cell (303) 204-8332

Geologist: Daniel Brahosky

CONFIDENTIAL

T295 R24E S-17
43-037-31847**DAILY MORNING REPORT**DATE 8/24/06, DrillingCOMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 3108 YESTERDAY'S DEPTH (ft) 2900 FT/24 Hr 208FORMATION NOW DRILLING IN ChinleFORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2900'PROJECTED FORMATION TOPS Chinle 2900', Cutler 4105', HKTL 5 4605', HKTL 4 5164', HKTL 3 5534', HKTL 2 5776', HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 15-25u 24 hr.Lo/ Hi 11u/164u TRIP GAS _____CONNECTION GAS 164u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS: ltgy-mgry-trnsl-offwh-wh-grn, vfgr-fgr, sbang-ang-sbrnrd, psrt-msrt, pcmt-mcmt, mcalc-msil, ppor 80% SS 20% SLTSTSAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #2 12 1/4 SMITH, CF 30 BVCPS, MY2579, IN 2371"WOB 24 RPM 37 PP 1664 SPM 80 LAG 10.17 MIN. AT 3108 FEETMUD AT 2943 WT 8.4 VIS 27 PH 10 WL 0 CHL 500 CK -/-

SURVEYS _____

Remarks casing point.

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AUG 24 2006

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

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Golden, Colorado 80403

Golden (720) 880-2000

Rig Cell (303) 204-8332

Geologist: Daniel Brahosky

CONFIDENTIALT 295 R 24E S-17
4.3-037-31847**DAILY MORNING REPORT**DATE 8/25/06, DrillingCOMPANY & WELL ^{NW} Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 3108 YESTERDAY'S DEPTH (ft) 3108 FT/24 Hr 0FORMATION NOW DRILLING IN ChinleFORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2900'

PROJECTED FORMATION TOPS Chinle 2900', Cutler 4105', HKTL 5 4605', HKTL 4 5164', HKTL 3 5534', HKTL 2 5776', HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 0u 24 hr.Lo/ Hi 0u TRIP GAS _____CONNECTION GAS 0u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS: ltgy-mgry-trnsl-offwh-wh-grn, vfgr-fgr, sbang-ang-sbrnrd, psrt-msrt, pcmt-mcmt, mcalc-msil, ppor 80% SLTSt 20% SS

SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #3WOB _____ RPM _____ PP _____ SPM _____ LAG 10.17 MIN. AT 3108 FEETMUD AT 2943 WT 8.4 VIS 27 PH 10 WL 0 CHL 500 CK -/-

SURVEYS _____

Remarks @casing 3108'.

AUG 25 2006

OIL, GAS & MINING



www.pason.com
16100 Table Mountain Parkway Ste. 100 • Golden • CO • 80403
720-880-2000 • FAX: 720-880-0016

September 8, 2006

CONFIDENTIAL

Oil & Gas Supervisor
Utah Division of Oil, Gas, & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: ENCANA OIL & GAS (USA), INC.
NW BULL HORN FEDERAL 17-24
SEC. 17, T29S, R24E
SAN JUAN COUNTY, UT

API # 43-037-31847

Dear Oil & Gas Supervisor:

Enclosed is the final computer colored log for the above referenced well.

We appreciate the opportunity to be of service to you and look forward to working with you again in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

Bill Nagel
Geology Manager
Pason Systems USA
BN/alb

Encl: 1 Final Computer Colored Log.

Cc: Terry Jackson, Cabot Oil & Gas, Denver, CO.

RECEIVED

SEP 12 2006

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL

T295 R24E S-17
43-037-31847

DAILY MORNING REPORTDATE 8/26/06, DrillingCOMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 3229 YESTERDAYS DEPTH (ft) 3108 FT/24 Hr 121FORMATION NOW DRILLING IN ChinleFORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2900'PROJECTED FORMATION TOPS Chinle 2900', Cutler 4105', HKTL 5 4605, HKTL 4 5164', HKTL 3 5534', HKTL 2 5776', HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 18-25u 24 hr.Lo/ Hi 12/223u TRIP GAS _____CONNECTION GAS 29u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SLTST: ltredbrn-red-offwh, sft, sbblky-blky-sbplty, slty-rthy, mcalc-slcalc
80% SLTST 20% SS SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #3 smith, 8 3/4 in 3108'WOB _____ RPM _____ PP _____ SPM _____ LAG 10.54 MIN. AT 3231 FEETMUD AT 3108 WT 8.4 VIS 27 PH 10.5 WL 0 CHL 600 CK -/-

SURVEYS _____

Remarks Drilling ahead @ avg 20 f/hr**RECEIVED****SEP 15 2006**

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Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

T29S R24E S-17
43-037-31847

DAILY MORNING REPORT

DATE 8/27/06, Drilling

COMPANY & WELL Cabot Oil & Gas (USA) INC. ^{nw} BULL HORN FEDERAL 17-24

DEPTH (ft) (5am est.) 4248 YESTERDAY'S DEPTH (ft) 3229 FT/24 Hr 1019

FORMATION NOW DRILLING IN Cutler

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler 3260'

PROJECTED FORMATION TOPS HKTL 5 4605, HKTL 4 5164', HKTL 3 5534', HKTL 2 5776'. HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 18-25u 24 hr.Lo/ Hi 12/174u TRIP GAS _____

CONNECTION GAS 174u DOWN TIME GAS _____

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SLTST: ltredbrn-red-offwh, sft, sbblky-blky-sbplty, slty-rthy, mcalc-slcalc
80% SLTST 15% SS 5% SH SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No shows

BITS & TRIPS Bit #3 smith, 8 3/4 in 3108'

WOB 14 RPM 38 PP 1350 SPM 60 LAG 10.54 MIN. AT 3231 FEET

MUD AT 3324 WT 8.8 VIS 42 PH 8 WL 10.4 CHL 22000 CK 2/

SURVEYS _____

Remarks Drilling ahead @ avg 50 f/hr

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PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL
T295 R24ES-17
43-037-31847

DAILY MORNING REPORT

DATE 8/28/06, Drilling

COMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24

DEPTH (ft) (5am est.) 5000 YESTERDAY'S DEPTH (ft) 4228 FT/24 Hr 772

FORMATION NOW DRILLING IN HKTL 4

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611

PROJECTED FORMATION TOPS , HKTL 3 5534', HKTL 2 5776'. HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 25-38u 24 hr.Lo/ Hi 12/157u TRIP GAS

CONNECTION GAS 1575u DOWN TIME GAS

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wht gry dkgry ofeht, sbblky sbplty, frh hd, spry calic cmt/ i.p. mic, occ slty caly lam, SS: wht gry clr-trns, vfgr, sbrd sbang, msrt wsrt, frm sft, calic cmt w/ calic mtx, abd mica flks4053 2 1/2, 40% LS 20% DOLO 30% SS 10% SH SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No shows

BITS & TRIPS Bit #3 smith, 8 3/4 in 3108'

WOB 14 RPM 38 PP 1350 SPM 60 LAG 10.88 MIN. AT 5003 FEET

MUD AT 4373' WT 8.9 VIS 53 PH 8.5 WL 6.4 CHL 23000 CK 1/

SURVEYS 4053' 2 1/2 deg, 4529' 3 deg,

Remarks Drilling ahead @ avg 40 f/hr

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SEP 15 2006

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

T295 R24E S-17
43-037-31877

DAILY MORNING REPORTDATE 8/29/06, DrillingCOMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 5541 YESTERDAYS DEPTH (ft) 5000 FT/24 Hr 541FORMATION NOW DRILLING IN HKTL 2FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2 5384'PROJECTED FORMATION TOPS HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 25-55u 24 hr.Lo/ Hi 12/157u TRIP GAS _____CONNECTION GAS 65u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wht gry dk gry ofeht, sbblky sbplty, frh hd, spry calic cmt/ i.p. mic, occ slty caly lam, SS: wht gry clr-trns, vfgr, sbrd sbang, msrt wsrt, frm sft, calic cmt w/ calic mtx, abd mica flks
40% LS 60% DOLO SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #3 smith, 8 3/4 in 3108'WOB 15 RPM 38 PP 1200 SPM 60 LAG 11.95 MIN. AT 5541 FEETMUD AT 5140' WT 9.0 VIS 51 PH 8.5 WL 6.0 CHL 24000 CK 1/SURVEYS 4053' 2 1/2 deg, 4529' 3 deg,Remarks Drilling ahead @ avg 22 f/hr**RECEIVED****SEP 15 2006**

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PASON SYSTEMS USA CORP.

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Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

T295 R24E S-17
43-037-31847

DAILY MORNING REPORT

DATE 8/30/06, Drilling

COMPANY & WELL NW Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24

DEPTH (ft) (5am est.) 5673 YESTERDAY'S DEPTH (ft) 5541 FT/24 Hr 132

FORMATION NOW DRILLING IN HKTL 2

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2 5384'

PROJECTED FORMATION TOPS HKTL 2 sh 6074', HTKL 1 6152', HTKL 1 sh 6405', U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 25-32u 24 hr.Lo/ Hi 12/175u TRIP GAS 175u

CONNECTION GAS 65u DOWN TIME GAS

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wht gry dkgry ofeht, sbblky sbplty, frh hd, spry calic cmt/ i.p. mic, occ slty caly lam, SS: wht gry clr-trns, vfgr, sbrd sbang, msrt wsrt, frm sft, calic cmt w/ calic mtz, abd mica flks
40% LS 60% DOLO SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No shows

BITS & TRIPS Bit #4

WOB 28 RPM 75 PP 1300 SPM 60 LAG 12.23 MIN. AT 5681 FEET

MUD AT 5539 WT 9.1 VIS 50 PH 8.5 WL 6.0 CHL 23000 CK 1/

SURVEYS 4053' 2 1/2 deg, 4529' 3 deg,

Remarks Drilling ahead @ avg 15 f/hr

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Geologist: Daniel Brahosky

COMPUTER
T295 R24E S17
43-039-31847

DAILY MORNING REPORTDATE 8/31/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 5953 YESTERDAYS DEPTH (ft) 5673 FT/24 Hr 280FORMATION NOW DRILLING IN HKTL 1 shFORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2 5384', HKTL 2 sh 5580', HTKL 1 5652', HTKL 1 sh 5905'PROJECTED FORMATION TOPS , U Ismay 6445', Hovenweep 6583', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'BGG 25-32u 24 hr.Lo/ Hi 12/118u TRIP GAS 175uCONNECTION GAS 118u DOWN TIME GAS**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wh, lt - med gry, microxln - f, sbplty - sbblky, sbang, sft - frm, NFSOC, DOL: med - drk gry, microxln - f, sbplty - sbblky, sbang - ang, frm - hrd, NFSOC

45% LS 55% DOLO SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No showsBITS & TRIPS Bit #4, SECURITY, EBX52959R, 10845721, IN 5539WOB 28 RPM 75 PP 1250 SPM 60 LAG 12.76 MIN. AT 5944 FEETMUD AT 5539 WT 9.1 VIS 50 PH 8.5 WL 6.0 CHL 23000 CK 1/SURVEYS 4053' 2 1/2 deg, 4529' 3 deg,Remarks Drilling ahead @ avg 12 f/hr**RECEIVED****SEP 15 2006**

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Geologist: Daniel Brahosky

T295 R24E S-17
43-037-31847

DAILY MORNING REPORT

DATE 9/1/06, Drilling

COMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24

DEPTH (ft) (5am est.) 6197 YESTERDAYS DEPTH (ft) 5953 FT/24 Hr 244

FORMATION NOW DRILLING IN Hovenweep

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2 5384', HKTL 2 sh 5580', HTKL 1 5652', HTKL 1 sh 5905', U Ismay 5945', Hovenweep 6187'

PROJECTED FORMATION TOPS L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 25-45u 24 hr.Lo/ Hi 12/94u TRIP GAS 175u

CONNECTION GAS 94u DOWN TIME GAS

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wh, lt - med gry, microxln - f, sbplty - sbblky, sbang, sft - frm, NFSOC, DOL: med - drk gry, microxln - f, sbplty - sbblky, sbang - ang, frm - hrd, NFSOC

85% LS 15% DOLO SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No shows

BITS & TRIPS Bit #4, SECURTY, EBX52959R,10845721, IN 5539

WOB 25 RPM 70 PP 1280 SPM 60 LAG 12.76 MIN. AT 5944 FEET

MUD AT 5982 WT 9.0 VIS 54 PH 9.0 WL 6.0 CHL 23000 CK 1/

SURVEYS 4053' 2 1/2 deg, 4529' 3 deg,

Remarks Drilling ahead @ avg 10 f/hr

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Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

T295 R24E S17
43-037-31847

DAILY MORNING REPORT

DATE 9/2/06, Drilling

COMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24

DEPTH (ft) (5am est.) 6361 YESTERDAYS DEPTH (ft) 6197 FT/24 Hr 164

FORMATION NOW DRILLING IN HKTL 2

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2- 6145'

PROJECTED FORMATION TOPS , HKTL 2 sh 5580', HTKL 1 5652', HTKL 1 sh 5905', U Ismay 5945', Hovenweep 6187', L Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7000'

BGG 25-65u 24 hr.Lo/ Hi 12/358u TRIP GAS 154u

CONNECTION GAS 156u DOWN TIME GAS

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY LS: wh, lt - drk gry, microxln - f, sbplty - sbblky, wrnrd - sbang, sft - frm, mod arg lam, NFSOC 85% LS 15% DOLO SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No shows

BITS & TRIPS Bit #5

WOB 16 RPM 37 PP 1350 SPM 58 LAG 13.60 MIN. AT 6362 FEET

MUD AT 5982 WT 9.0 VIS 54 PH 9.0 WL 6.0 CHL 23000 CK 1/

SURVEYS

Remarks Drilling ahead @ avg 10 f/hr

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T295 R24E S-17
43-032-31847

T295 R24E S-17
43-032-31847

9/3/06, Drilling

Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24

6679 YESTERDAYS DEPTH (ft) 6361 FT/24 Hr 318

U Ismay

Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler @3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2- 6145', HKTL 2 sh 6145, HTKL 1 6222', HTKL 1 sh 6480', U Ismay 6534'

, Hovenweep 6187', L Ismay 6645', Gothis sh 6711', Desert Cr 6815',
Salt 6927', TD 7000'

BGG 25-42u 24 hr.Lo/ Hi 12/411u TRIP GAS

CONNECTION GAS 411u DOWN TIME GAS

GAS SHOWS AND DRILLING BREAKS

[illegible]

LITHOLOGY SH: med - drk gry, occ blk, sbblky - sbang, rthy, frm - hrd, no - mod calcic, i.p. clay a/ slt lam, NFSOC.

70% SH 20% SS 10% ANHYD occ LS SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN OCC YEL, GLD BRN FLOR NSOC

BITS & TRIPS Bit #5 8 7/8, HTC 6X-20C, 60388112

WOB 25 RPM 37 PP 1406 SPM 58 LAG 14.25 MIN. AT 6687 FEET

MUD AT 5982 WT 9.0 VIS 54 PH 9.0 WL 6.0 CHL 23000 CK 1/

SURVEYS

Drilling ahead @ avg 13 f/hr

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Geologist: Daniel Brahosky

T295 R24ES-17
43-037-31847

DAILY MORNING REPORTDATE 9/4/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 17-24DEPTH (ft) (5am est.) 7003 YESTERDAYS DEPTH (ft) 6679 FT/24 Hr 324FORMATION NOW DRILLING IN TD

FORMATION TOPS Kyenta @1827', Wingate @ 2209' Chinle 2501', Moenkopi Fm 2895', Cutler
@3260', HKTL 5 @4366, HKTL 4 @4611, HKTL 3 4972, HKTL 2- 6145', HKTL 2
sh 6145, HTKL 1 6222', HTKL 1 sh 6480', U Ismay 6534', Hovenweep 6187', L
Ismay 6645', Gothis sh 6711', Desert Cr 6815', Salt 6927', TD 7003'

PROJECTED FORMATION TOPS _____

BGG 25-42u 24 hr.Lo/ Hi 12/108u TRIP GAS _____CONNECTION GAS 76u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SH: med - drk gry, occ blk, sbblky - sbang, rthy, frm - hrd, no - mod calcic, i.p. clay a/ slt lam,
NFSOC,

50% SH 20% SS 30% SALT SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN OCC YEL, GLD BRN FLOR NSOCBITS & TRIPS Bit #5 8 7/8, HTC 6X-20C, 60388112WOB 14 RPM 37 PP 1464 SPM 58 LAG 14.89 MIN. AT 7003 FEETMUD AT 6786 WT 9.0 VIS 50 PH 9.0 WL 6.0 CHL 48672 CK 1/

SURVEYS _____

Remarks TD @7003', 01:00 HRS**RECEIVED****SEP 15 2006**

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER. UTU-78731
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
Do not use this form for proposals to drill new wells, significantly deepen existing wells below present bottom-hole depth, reseat plugback wells, or to drill horizontal intervals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: _____
		8. WELL NAME and NUMBER NW Bullhorn 17-24
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER "TIGHT" HOLE WELL <input type="checkbox"/>	2. NAME OF OPERATOR Cabot Oil & Gas Corp.	9. API NUMBER: 4303731847
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N Denver CO 80202	PHONE NUMBER: (303) 226-9443	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1915' FNL & 502' FEL COUNTY: San Juan QTR/CTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 17 29S 24E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLUTE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas plans to plug & abandon NW Bullhorn #17-24 by spotting cement plugs as follows:

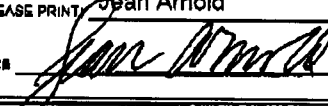
Plug #1: Spot 500' (240 sx) Class G cement plug across Ismay & Desert Creek formations from 6040' to 6540'.

Plug #2: Spot 150' (75 sx) Class G cement plug across top of Honaker Trail from 3990' to 4140'.

Plug #3: Spot 150' (70 sx) Class G cement plug across 9-5/8" surface casing shoe @ 3108' from 3010' to 3160'.

Plug #4: Spot 100' (40 sx) Class G cement plug @ surface.

Daily activity reports are attached.

NAME (PLEASE PRINT) Jean Arnold	TITLE Prod. Tech.
SIGNATURE 	DATE 9/7/2006

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

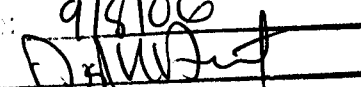
Federal Approval Of This
Action Is Necessary

(See Instructions on Reverse Side)

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SEP 07 2006

DIV. OF OIL, GAS & MINING

Date: 9/8/06
By: 

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: N.W. BULLHORN #17-24

AFE Number: 73343

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430040001

SAN JUAN County, UT

Spud Date: 08/18/2006

Program Year: 2006

Completion Date:

Location: SECTION 17, T29S, R24E

Prospect: PARADOX

P&A Date:

Formation: CUTLER & HONAKER TRAIL

Lease Number:

AFE DHC/CWC: \$1,395,000 / \$2,100,000

Date of First Prod:

Net AFE DHC/CWC: \$1,395,000 / \$2,100,000

Rig/Contractor: UNITED RIG #5

TD: 7003 PBTD:

Service Contractor:

Permit No:

Pipeline:

Drop Date:

API Number: 4303731847

COGC WI / NRI: 100.00000% 87.50000%

UWI:

BPO / APO: 100.00000% 100.00000%

GL / KB Elev: 6582 / 0

Rig Release:

Project Type: 1-EXP DRILLING

08/16/2006

Current Depth: 40

Daily Cost: \$72,767

AFE Cost to Date: \$72,767

Current Status: RU UNITED RIG #5

Built road & location. Installed pit liner. Set 20" conductor pipe @ 40'. MI & RU United rig #5. Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/17/2006

Current Depth: 40

Daily Cost: \$0

AFE Cost to Date: \$72,767

Current Status: RU UNITED RIG #5

Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/18/2006

Current Depth: 40

Daily Cost: \$97,477

AFE Cost to Date: \$170,244

Current Status: PREP TO SPUD

Inspected BHA, filled reserve pit w/ fresh water, finished RU United rig #5.

08/19/2006

Current Depth: 712

Daily Cost: \$70,621

AFE Cost to Date: \$240,865

Current Status: DRILLING

Start up equip & prime up all fluid pumps. Set bit, motor & BHA on catwalk.

PU bit & motor.

Spud 12-1/4" surface hole @ 9:30 AM, 8/18/06. Drill f/ 40' to 80', 40' / 2.5 hrs, 16 fph, solid rock.

Drill 12-1/4" hole f/ 80' to 546', 466' / 11.0 hrs, 42.4 fph (got out of solid rock @ 159').

Drill 12-1/4" hole f/ 546' to 556', 10' / 0.5 hr, 20.0 fph.

Drill 12-1/4" hole f/ 556' to 712', 156' / 8.0 hrs, 26.0 fph.

MW 8.4, VIS 28

HTC Bit #1, 12 1/4", HR-S30-DX, In @ 40', made 672' in 20 hrs, ROP 33.6

Survey:

MD Angle

516 0.50

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DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: **Rocky Mountain**Well Name: **N.W. BULLHORN #17-24**AFE Number: **73343**Type: **AA**Operator: **Cabot Oil & Gas Corporation**Artesia Number: **430040001**Project Type: **1-EXP DRILLING**08/20/2006 Current Depth: **1,704**Daily Cost: **\$43,276**AFE Cost to Date: **\$284,141**Current Status: **DRILLING**

Drill 12-1/4" hole fr 712' to 816', 104' / 3.0 hrs, 34.7 fph

Drill 12-1/4" hole fr 816' to 895', 79' / 2.5 hrs / 31.6 fph.

Drill 12-1/4" hole fr 895' to 1038', 143' / 2.0 hrs, 71.5 fph.

Drill 12-1/4" hole fr 1038' to 1482', 444' / 9.5 hrs, 46.7 fph.

Drill 12-1/4" hole fr 1482' to 1577', 95' / 2.0 hrs, 47.5 fph.

Drill 12-1/4" hole fr 1577' to 1704', 127' / 3.5 hrs, 36.3 fph.

MW 8.4, VIS 27

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 1664' in 42.5 hrs, ROP 39.2

Survey:

MD Angle

1006 0.50

1546 2.00

08/21/2006 Current Depth: **2,355**Daily Cost: **\$31,529**AFE Cost to Date: **\$315,670**Current Status: **MAKE WIPER TRIP**

Drill from 1704' to 2355'. WLS 2 1/2 degrees at 2021'. Bit #1 2315', 65 1/2 hours.

08/22/2006 Current Depth: **2,612**Daily Cost: **\$47,239**AFE Cost to Date: **\$362,909**Current Status: **DRILL AHEAD WITH ONLY ONE MUD PUMP.**

Drill from 2355' to 2371'. Pumped sweep and POOH to check bit, no tight spots, no overpull. MU new bit & TIH. Drill from 2371' to 2528', main bearings went out on #2 mud pump. Drill from 2528' to 2612' at reduced flow rate and ROP due to only using #1 pump. Expect to have new bearings for #2 pump this afternoon. WLS 1 deg at 2497'.

LITHOLOGY: 80% Sandstone / 20% Siltstone

08/23/2006 Current Depth: **2,900**Daily Cost: **\$31,686**AFE Cost to Date: **\$394,596**Current Status: **DRILLING.**

Drill from 2612' to 2900'. #2 mud pump repaired and back on line at 1700 hrs.

LITHOLOGY: 80% Sandstone / 20% Siltstone = Wingate Formation (top @ 2209')

08/24/2006 Current Depth: **3,108**Daily Cost: **\$42,629**AFE Cost to Date: **\$437,224**Current Status: **RUN 9-5/8" SURFACE CSG.**

Drilled 12-1/4" hole from 2900' to 2941', 41' / 3.5 hrs, 11.7 fph.

Drilled 12-1/4" hole from 2941' to 2970', 29' / 2.0 hrs, 14.5 fph.

Drilled 12-1/4" hole from 2970' to 3035', 65' / 4.0 hrs, 16.2 fph.

Drilled 12-1/4" hole from 3035' to 3108', 73' / 5.5 hrs, 13.3 fph.

Pump 20 bbl high vis sweep & circ hole clean. Short trip, wipe hole from 3108' to 2388', no tight spots & no excess overpull.

Pump 20 bbl high vis sweep & circ hole clean. TOOH & LD bit & motor. Wait on Weatherford casing crew to arrive on location.

RU casing crew to run 9-5/8" casing.

MW 8.5, VIS 27.

Smith Bit #2, 12 1/4", GF-30-BVC, in @ 2371', out @ 3108', made 737 in 54.5 hrs., ROP 13.6.

MD Angle

3004' 2.00

2100' 0.50

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DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: N.W. BULLHORN #17-24

AFE Number: 73343

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430040001

Project Type: 1-EXP DRILLING

08/25/2006

Current Depth: 3,108

Daily Cost: \$182,552

AFE Cost to Date: \$619,776

Current Status: PRES TEST BOPE

Finish RU Weatherford casing crew & held pre-casing safety meeting. Ran 12 jls 9-5/8", 36#, J-55, LT&C casing w/ float shoe @ 3108' & float collar @ 3062'. Ran 8-centralizers on every other jt from bottom up. Landed 9-5/8" casing @ 3108'. Circ hole & casing, RD casing crew. RU BJ Services. Pressure test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 bbls fresh water, lead cement: 246.6 bbls / 1383 cf / 487 sx Premium Lite cement w/ 2% CaCl₂, 1/4 lb/sx Celloflake, 10% bentonite, 1% sodium metasilicate & 0.05 lbs/sx static free @ 11.5 ppg followed by tail cement: 114.8 bbls / 644 cf / 480 sx Type III cement w/ 1% CaCl₂ & 1/4 lb/sx Celloflake @ 14.5 ppg. Drop top rubber plug & displaced w/ 237 BW, full circulation throughout cementing & displacing. Circ 100 bbls cement to surface. Bumped plug w/ 1650 psi, floats held. CIP @ 4:45 PM, 8/24/06. Monitor cement fall back & RD BJ Services. Chip out cement from cellar bottom & cut 9-5/8" casing. Land FMC 11"-5Mx9-5/8" SOW casinghead. Pres test weld to 1200 psi, OK. NU 11"-3M BOP on 11"-5M casinghead.

MW 8.4, VIS 27.

09/26/2006

Current Depth: 3,236

Daily Cost: \$34,640

AFE Cost to Date: \$654,416

Current Status: DRILLING

NU 11"x3000 psi BOP. RU Single Jack Testing Co. Pres test pipe / blind rams, all valves & choke manifold to 250 psi / 5 min & 3000 psi / 10 min, OK. Pres test annular to 250 psi low & 1500 psi high, OK. Pulled test plug & pres test 9-5/8" casing to 1540 psi / 30 min, OK. All testing complete & witnessed by BLM. NU flowline. PU BHA #2, TIH & tagged @ 3062'. Drill out float collar, cement & 9-5/8" csg shoe @ 3108'. Drill 10' of new hole f/ 3108' to 3118'. Circ hole clean, pulled up & closed BOP. Pressured up to 130 psi & performed formation integrity test w/ 8.4 ppg mud, 9.2 ppg EMW. Dump & clean mud pits. Haul in 800 bbls of MI FLO-PRO NT/KCL mud & change over mud system in hole & surface. Drill 8-3/4" hole f/ 3118' to 3236', 118' / 6 hrs / 19.7 fph.

MW 8.4, VIS 27.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 128' in 6 hrs., ROP 21.3

08/27/2006

Current Depth: 4,275

Daily Cost: \$37,435

AFE Cost to Date: \$691,851

Current Status: DRILLING

Drill 8-3/4" hole f/ 3236' to 3323', 87' / 2.5 hrs, 34.8 fph. Drill 8-3/4" hole f/ 3323' to 3545', 222' / 5.0 hrs, 44.4 fph. Drill 8-3/4" hole f/ 3545' to 4002', 457' / 9.5 hrs, 48.1 fph. Drill 8-3/4" hole f/ 4002' to 4035', 33' / 1.5 hrs, 55.3 fph. Drill 8-3/4" hole f/ 4085' to 4275', 190' / 4.0 hrs, 47.6 fph. Formation changing, drills very streaky, fast to slow, 100 - 20 fph.

MW 8.8, VIS 42.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1157' in 28.5 hrs., ROP 40.6.

MD	Angle
3514'	1.00
4053'	2.50

08/28/2006

Current Depth: 5,036

Daily Cost: \$36,981

AFE Cost to Date: \$728,832

Current Status: DRILLING

Drill 8-3/4" hole f/ 4275' to 4339', 64' / 1.5 hrs / 42.6 fph. Service Rig. Drill 8-3/4" hole f/ 4339' to 4475', 136' / 4 hrs / 34 fph. Drill 8-3/4" hole f/ 4475' to 4561', 86' / 2 hrs / 43 fph. Wireline Survey @ 4529' / 3 deg. Drill 8-3/4" hole f/ 4561' to 4814', 253' / 8 hrs / 31.6 fph. Repair / Replace air boot on Clutch / Draw works. Repair / Replace air boot on Clutch / Draw works. Drill 8-3/4" hole f/ 4814' to 5036', 222' / 5 hrs / 44.4 fph.

MW 8.9, VIS 53.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1918' in 49 hrs., ROP 39.1.

MD	Angle
4529'	3.00

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DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: N.W. BULLHORN #17-24

AFE Number: 73343

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430040001

Project Type: 1-EXP DRILLING

08/29/2006 Current Depth: 5,539 Daily Cost: \$65,299 AFE Cost to Date: \$794,131

Current Status: CIRCULATE/TOH TO CHANGE BIT

Drill 8-3/4" hole f/ 5036' to 5068', 32' / 1 hr / 32 fph.

Drill 8-3/4" hole f/ 5068 to 5100', 32' / 0.5 hr / 64 fph.

Wireline survey @ 5068' / 2.5 deg.

Drill 8-3/4" hole f/ 5100' to 5195', 95' / 3 hrs / 31.6 fph.

Drill 8-3/4" hole f/ 5195' to 5469', 274' / 12 hrs / 22.8 fph.

Drill 8-3/4" hole f/ 5469' to 5539', 70' / 5.5 hrs / 12.7 fph.

MW 9.0. VIS 51

SMITH Bit #3, 8 3/4", M6 16 PDC, in # 3108', out @ 5539.

Survey:

MD Angle
5068 2.50

08/30/2006 Current Depth: 5,684 Daily Cost: \$47,428 AFE Cost to Date: \$841,559

Current Status: DRILLING

TOOH, break off bit #3 & LD mud motor. Motor failed, no tight spots, no overpull.

PU lead double box DC & made up new bit #4.

TIH w/ new bit to 5539', no tight spots, no fill on bottom.

Drill 8-3/4" hole from 5539' to 5626', 87' / 7.0 hrs, 12.4 fph.

Drill 8-3/4" hole from 5626' to 5684', 58' / 6.0 hrs, 9.7 fph.

MW 9.1. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 145' in 13 hrs, ROP 11.2

Survey:

MD Angle
5513 6.50

08/31/2006 Current Depth: 5,949 Daily Cost: \$40,117 AFE Cost to Date: \$881,676

Current Status: DRILLING

Drill 8-3/4" hole f/ 5684' to 5703', 19' / 1.5 hrs, 12.7 fph.

Drill 8-3/4" hole f/ 5703' to 5748', 43' / 4.0 hrs, 10.8 fph.

Drill 8-3/4" hole f/ 5748' to 5830', 84' / 6.0 hrs, 14.0 fph.

Drill 8-3/4" hole f/ 5830' to 5891', 61' / 4.5 hrs, 13.6 fph.

Drill 8-3/4" hole f/ 5891' to 5949', 58' / 6.0 hrs, 9.7 fph.

MW 9.0. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 410' in 35 hrs, ROP 11.7

Survey:

MD Angle
5799 8.25

09/01/2006 Current Depth: 6,200 Daily Cost: \$38,613 AFE Cost to Date: \$920,289

Current Status: DRILLING

Drill 8-3/4" hole f/ 5949' to 5957', 8' / 0.5 hr, 16.0 fph.

Drill 8-3/4" hole f/ 5957' to 6010', 53' / 4.0 hrs, 13.2 fph.

Drill 8-3/4" hole f/ 6010' to 6141', 131' / 12.0 hrs, 10.9 fph.

Drill 8-3/4" hole f/ 6141' to 6148', 7' / 0.5 hr, 14.0 fph.

Drill 8-3/4" hole f/ 6148' to 6200', 52' / 4.5 hrs, 11.6 fph.

MW 9.0. VIS 54

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 661' in 66.6 hrs, ROP 11.7

Survey:

MD Angle
5926 8.00
6116 8.00

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DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: N.W. BULLHORN #17-24

AFE Number: 73343

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430040001

Project Type: 1-EXP DRILLING

09/02/2006 Current Depth: 6,370 Daily Cost: \$55,626 AFE Cost to Date: \$975,915

Current Status: DRILLING

Drill 8-3/4" hole f/ 6200' to 6243', 43' / 3.5 hrs, 12.3 fph.

Circulate bottoms up & circ hole clean.

Drop Totco wireline survey tool.

TOOH. LD bottom hole DC & bit #4.

PU new bit #5 & new 6-1/4" National mud motor.

TIH, break circulation, break in new bit. No tight spots, no fill on bottom.

Drill 8-3/4" hole f/ 6243' to 6284', 41' / 2.5 hrs, 16.4 fph.

Drill 8-3/4" hole f/ 6284' to 6370', 86' / 6.0 hrs, 14.3 fph.

MW 9.1, VIS 52

SEC Bit #4, 8 3/4", EBXS29SR, in @ 5639', out @ 6243', made 704' in 60 hrs, ROP 11.7

HUGHES Bit #5, 8 3/4", in @ 6243', made 127' in 8.5 hrs, ROP 14.9

Survey:

MD Angle

6116 8.00

6116 8.00

09/03/2006 Current Depth: 6,691 Daily Cost: \$35,006 AFE Cost to Date: \$1,010,921

Current Status: DRILLING

Drill 8-3/4" hole f/ 6370' to 6401', 31' / 4.0 hrs, 7.8 fph.

Drill 8-3/4" hole f/ 6401' to 6418', 17' / 1.5 hrs, 11.3 fph.

Drill 8-3/4" hole f/ 6418' to 6691', 173' / 11.5 hrs, 15.0 fph.

Run Totco wireline survey, survey tool not working properly, called to replace tool.

Drill 8-3/4" hole f/ 6691' to 6691', 100' / 6.0 hrs, 16.7 fph.

MW 9.1, VIS 52

HUGHES Bit #5, 8 3/4", in @ 6243', made 448' in 31.5 hrs, ROP 14.2

09/04/2006 Current Depth: 7,003 Daily Cost: \$34,845 AFE Cost to Date: \$1,045,765

Current Status: POOH TO RUN OPEN HOLE LOGS

Drill 8-3/4" hole f/ 6691' to 6749', 58' / 2.0 hrs, 29.0 fph.

Drill 8-3/4" hole f/ 6749' to 6830', 81' / 3.5 hrs, 23.1 fph.

Drill 8-3/4" hole f/ 6830' to 6935', 105' / 8.0 hrs, 13.1 fph, chlorides increased f/ 50,000 to 70,000 mg/l

Bit bailed up, pumped 20 bbls fresh water w/ walnut hulls to remove ball from bit & BHA.

Drill 8-3/4" hole f/ 6935' to 6962', 27' / 2.0 hrs, 13.5 fph.

Drill 8-3/4" hole f/ 6962' to 7003', 41' / 1.0 hr, 41.0 fph. Hit salt @ ~6958'.

Pulled bit up to 6940'.

Circulate hole clean & bottoms up for mud loggers.

Wipe hole 18 stands f/ 7003' to 6923', no tight spots, no over pull.

Circulate hole clean.

Drop Totco single shot survey tool.

MW 9.2, VIS 50

HUGHES Bit #5, 8 3/4", in @ 6243', out @ 7003', made 760' in 48 hrs, ROP 15.8

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DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: N.W. BULLHORN #17-24
Operator: Cabot Oil & Gas CorporationAFE Number: 73343 Type: AA
Artesia Number: 430040001

Project Type: 1-EXP DRILLING

09/05/2006 Current Depth: 7,003 Daily Cost: \$85,118 AFE Cost to Date: \$1,130,884

Current Status: TIH

TOOH

break off bit #5, LD National mud motor.

RU Schlumberger wireline.

Log Run #1: TLD / CNL / HRLA / GR / CALIPER log f/ 7003' to 9-5/8" casing shoe @ 3108'.

Log Run #2: Sonic Scanner, FMI / GPIT f/ 7003' to surface.

Log Run #2: Sonic Scanner, FMI / GPIT, f/ 7003' to surface.

RD Schlumberger.

PU Rerun bit #5 & TIH.

MW 9.4, VIS 5.4, WL 6.4

Survey:

MD Angle

7000 6.00

09/06/2006 Current Depth: 7,003 Daily Cost: \$30,478 AFE Cost to Date: \$1,161,362

Current Status: CIRCULATE & WAIT ON ORDERS

TIH to 7003', no tight spots, no fill on bottom. Pulled up to 6939'.

Circulate hole clean, evaluating logs.

Wipe hole 10-stands f/ 6939' to 6339', no over pull, no tight spots.

Circulate hole clean, wait on orders.

MW 9.4, VIS 5.6, WL 6.0

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER "TIGHT HOLE WELL" <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-78731
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N Denver CO 80202		7. UNIT or CA AGREEMENT NAME: -----
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1915' FNL & 502' FEL		8. WELL NAME and NUMBER: NW Bullhorn 17-24
PHONE NUMBER: (303) 226-9443		9. API NUMBER: 4303731847
10. FIELD AND POOL, OR WILDCAT: Wildcat		

COUNTY: San Juan

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas plans to plug & abandon NW Bullhorn #17-24 by spotting cement plugs as follows:

Plug #1: Spot 500' (240 sx) Class G cement plug across Ismay & Desert Creek formations from 6040' to 6540'.

Plug #2: Spot 150' (75 sx) Class G cement plug across top of Honaker Trail from 3990' to 4140'.

Plug #3: Spot 150' (70 sx) Class G cement plug across 9-5/8" surface csg shoe @ 3108' from 3010' to 3160'.

Plug #4: Spot 100' (40 sx) Class G cement plug @ surface.

Daily activity reports are attached.

COPY SENT TO OPERATOR
Date: 10/15/06
Initial: RM

NAME (PLEASE PRINT) Jean Arnold

TITLE Prod. Tech.

SIGNATURE

DATE 9/7/2006

(This space for State use only)

Accepted by
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

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SEP 11 2006

(5/2000)

Date: 9/22/06

By: [Signature]

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name:	N.W. BULLHORN #17-24	AFE Number:	73343	Type:	AA
Operator:	Cabot Oil & Gas Corporation	Artesia Number:	430040001		
SAN JUAN County, UT		Spud Date:	08/18/2006		
Program Year:	2006	Completion Date:			
Location:	SECTION 17, T29S, R24E	P&A Date:			
Prospect:	PARADOX	Lease Number:			
Formation:	CUTLER & HONAKER TRAIL	Date of First Prod:			
AFE DHC/CWC:	\$1,395,000 / \$2,100,000	Rig/Contractor:	UNITED RIG #5		
Net AFE DHC/CWC:	\$1,395,000 / \$2,100,000	Service Contractor:			
TD: 7003	PBTD:	Pipeline:			
Permit No:		API Number:	4303731847		
Drop Date:		UWI:			
COGC WI / NRI:	100.00000% 87.50000%	GL / KB Elev:	6582 / 0		
BPO / APO:	100.00000% 100.00000%	Rig Release:			

Project Type: 1-EXP DRILLING

08/16/2006 Current Depth: 40 Daily Cost: \$72,767 AFE Cost to Date: \$72,767
Current Status: RU UNITED RIG #5

Built road & location. Installed pit liner. Set 20" conductor pipe @ 40'. MI & RU United rig #5. Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/17/2006 Current Depth: 40 Daily Cost: \$0 AFE Cost to Date: \$72,767
Current Status: RU UNITED RIG #5

Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/18/2006 Current Depth: 40 Daily Cost: \$97,477 AFE Cost to Date: \$170,244
Current Status: PREP TO SPUD

Inspected BHA, filled reserve pit w/ fresh water, finished RU United rig #5.

08/19/2006 Current Depth: 712 Daily Cost: \$70,621 AFE Cost to Date: \$240,865
Current Status: DRILLING

Start up equip & prime up all fluid pumps. Set bit, motor & BHA on catwalk.
PU bit & motor.

Spud 12-1/4" surface hole @ 9:30 AM, 8/18/06. Drill f/ 40' to 80', 40' / 2.5 hrs, 16 fph, solid rock.

Drill 12-1/4" hole f/ 80' to 546', 466' / 11.0 hrs, 42.4 fph (got out of solid rock @ 159').

Drill 12-1/4" hole f/ 546' to 556', 10' / 0.5 hr, 20.0 fph.

Drill 12-1/4" hole f/ 556' to 712', 156' / 6.0 hrs, 26.0 fph.

MW 8.4, VIS 26

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 672' in 20 hrs, ROP 33.6

Survey:

MD	Angle
516	0.50

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343** Type: **AA**
Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

08/20/2006 Current Depth: 1,704 Daily Cost: \$43,276 AFE Cost to Date: \$284,141
Current Status: **DRILLING**

Drill 12-1/4" hole f/ 712' to 816', 104' / 3.0 hrs, 34.7 fph
Drill 12-1/4" hole f/ 816' to 895', 79' / 2.5 hrs / 31.6 fph.
Drill 12-1/4" hole f/ 895' to 1038', 143' / 2.0 hrs, 71.5 fph.
Drill 12-1/4" hole f/ 1038' to 1482', 444' / 9.5 hrs, 46.7 fph.
Drill 12-1/4" hole f/ 1482' to 1577', 95' / 2.0 hrs, 47.5 fph.
Drill 12-1/4" hole f/ 1577' to 1704', 127' / 3.5 hrs, 36.3 fph.
MW 8.4, VIS 27
HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 1664' in 42.5 hrs, ROP 39.2
Survey:
MD Angle
1006 0.50
1546 2.00

08/21/2006 Current Depth: 2,355 Daily Cost: \$31,529 AFE Cost to Date: \$315,670
Current Status: **MAKE WIPER TRIP**

Drill from 1704' to 2355'. WLS 2 1/2 degrees at 2021'. Bit #1 2315', 65 1/2 hours.

08/22/2006 Current Depth: 2,612 Daily Cost: \$47,239 AFE Cost to Date: \$362,909
Current Status: **DRILL AHEAD WITH ONLY ONE MUD PUMP.**

Drill from 2355' to 2371'. Pumped sweep and POOH to check bit, no tight spots, no overpull. MU new bit & TIH. Drill from 2371' to 2528', main bearings went out on #2 mud pump. Drill from 2528' to 2612' at reduced flow rate and ROP due to only using #1 pump. Expect to have new bearings for #2 pump this afternoon. WLS 1 deg at 2497'.

LITHOLOGY: 80% Sandstone / 20% Siltstone

08/23/2006 Current Depth: 2,900 Daily Cost: \$31,686 AFE Cost to Date: \$394,595
Current Status: **DRILLING.**

Drill from 2612' to 2900'. #2 mud pump repaired and back on line at 1700 hrs.

LITHOLOGY: 80% Sandstone / 20% Siltstone = Wingate Formation (top @ 2209')

08/24/2006 Current Depth: 3,108 Daily Cost: \$42,629 AFE Cost to Date: \$437,224
Current Status: **RUN 9-5/8" SURFACE CSG.**

Drilled 12-1/4" hole from 2900' to 2941', 41' / 3.5 hrs, 11.7 fph .
Drilled 12-1/4" hole from 2941' to 2970', 29' / 2.0 hrs, 14.5 fph .
Drilled 12-1/4" hole from 2970' to 3035', 65' / 4.0 hrs, 16.2 fph .
Drilled 12-1/4" hole from 3035' to 3108', 73' / 5.5 hrs, 13.3 fph .
Pump 20 bbl high vis sweep & circ hole clean . Short trip, wipe hole from 3108' to 2388', no tight spots & no excess overpull .
Pump 20 bbl high vis sweep & circ hole clean. TOOHL & LD bit & motor. Wait on Weatherford casing crew to arrive on location .
RU casing crew to run 9-5/8" casing.
MW 8.5, VIS 27.

Smith Bit #2, 12 1/4", GF-30-BVC, in @ 2371', out @ 3108', made 737 in 54.5 hrs., ROP 13.5.

MD Angle
3004' 2.00
2100' 0.50

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343** Type: **AA**
Artesia Number: **430040001**

Project Type: 1-EXP DRILLING

08/25/2006 Current Depth: 3,108 Daily Cost: \$182,552 AFE Cost to Date: \$619,776

Current Status: **PRES TEST BOPE**

Finish RU Weatherford casing crew & held pre-casing safety meeting. Ran 72 jts 9-5/8", 36#, J-55, LT&C casing w/ float shoe @ 3108' & float collar @ 3062'. Ran 8-centralizers on every other jt from bottom up. Landed 9-5/8" casing @ 3108'. Circ hole & casing, RD casing crew. RU BJ Services. Pressure test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 bbls fresh water, lead cement: 246.5 bbls / 1383 cf / 487 sx Premium Lite cement w/ 2% CaCl₂, 1/4 lb/sx Celloflake, 10% bentonite, 1% sodium metasilicate & 0.05 lbs/sx static free @ 11.5 ppg followed by tail cement: 114.8 bbls / 644 cf / 460 sx Type III cement w/1% CaCl₂ & 1/4 lb/sx Celloflake @ 14.5 ppg. Drop top rubber plug & displaced w/ 237 BW, full circulation throughout cementing & displacing. Circ 100 bbls cement to surface. Bumped plug w/ 1650 psi, floats held. CIP @ 4:45 PM, 8/24/06. Monitor cement fall back & RD BJ Services. Chip out cement from cellar bottom & cut 9-5/8" casing. Land FMC 11"-5Mx9-5/8" SOW casinghead. Pres test weld to 1200 psi, OK. NU 11"-3M BOP on 11"-5M casinghead.

MW 8.4, VIS 27.

08/26/2006 Current Depth: 3,236 Daily Cost: \$34,640 AFE Cost to Date: \$654,416

Current Status: **DRILLING**

NU 11"x3000 psi BOP. RU Single Jack Testing Co. Pres test pipe / blind rams, all valves & choke manifold to 250 psi / 5 min & 3000 psi / 10 min, OK. Pres test annular to 250 psi low & 1500 psi high, OK. Pulled test plug & pres test 9-5/8" casing to 1540 psi / 30 min, OK. All testing complete & witnessed by BLM. NU flowline. PU BHA #2, TIH & tagged @ 3062'. Drill out float collar, cement & 9-5/8" csg shoe @ 3108'. Drill 10' of new hole f/ 3108' to 3118'. Circ hole clean, pulled up & closed BOP. Pressured up to 130 psi & performed formation integrity test w/ 8.4 ppg mud, 9.2 ppg EMW. Dump & clean mud pits. Haul in 800 bbls of MI FLO-PRO NT/KCL mud & change over mud system in hole & surface. Drill 8-3/4" hole f/ 3118' to 3236', 118' / 6 hrs / 19.7 fph.

MW 8.4, VIS 27.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 128' in 6 hrs., ROP 21.3.

08/27/2006 Current Depth: 4,275 Daily Cost: \$37,435 AFE Cost to Date: \$691,851

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 3236' to 3323', 87' / 2.5 hrs, 34.8 fph. Drill 8-3/4" hole f/ 3323' to 3545', 222' / 5.0 hrs, 44.4 fph. Drill 8-3/4" hole f/ 3545' to 4002', 457' / 9.5 hrs, 48.1 fph. Drill 8-3/4" hole f/ 4002' to 4085', 83' / 1.5 hrs, 55.3 fph. Drill 8-3/4" hole f/ 4085' to 4275', 190' / 4.0 hrs, 47.5 fph. Formation changing, drills very streaky, fast to slow, 100 - 20 fph. MW 8.8, VIS 42.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1157' in 28.5 hrs., ROP 40.6.

MD	Angle
3514'	1.00
4053'	2.50

08/28/2006 Current Depth: 5,036 Daily Cost: \$36,981 AFE Cost to Date: \$728,832

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 4275' to 4339', 64' / 1.5 hrs / 42.6 fph. Service Rig. Drill 8-3/4" hole f/ 4339' to 4475', 136' / 4 hrs / 34 fph. Drill 8-3/4" hole f/ 4475' to 4561', 86' / 2 hrs / 43 fph. Wireline Survey @ 4529' / 3 deg. Drill 8-3/4" hole f/ 4561' to 4814', 253' / 8 hrs / 31.6 fph. Repair / Replace air boot on Clutch / Draw works. Repair / Replace air boot on Clutch / Draw works. Drill 8-3/4" hole f/ 4814' to 5036', 222' / 5 hrs / 44.4 fph. MW 8.9, VIS 53.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1918' in 49 hrs., ROP 39.1.

MD	Angle
4529'	3.00

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

08/29/2006 Current Depth: 5,539 Daily Cost: \$65,299 AFE Cost to Date: \$794,131

Current Status: **CIRCULATE/TOH TO CHANGE BIT**

Drill 8-3/4" hole f/ 5036' to 5068' , 32' / 1 hr / 32 fph.

Drill 8-3/4" hole f/ 5068 to 5100' , 32' / 0.5 hr / 64 fph.

Wireline survey @ 5068' / 2.5 deg.

Drill 8-3/4" hole f/ 5100' to 5195' , 95' / 3 hrs / 31.6 fph.

Drill 8-3/4" hole f/ 5195' to 5469' , 274' / 12 hrs / 22.8 fph.

Drill 8-3/4" hole f/ 5469' to 5539' , 70' / 5.5 hrs / 12.7 fph.

MW 9.0. VIS 51

SMITH Bit #3, 8 3/4", M6 16 PDC, in # 3108', out @ 5539.

Survey:

MD	Angle
5068	2.50

08/30/2006 Current Depth: 5,684 Daily Cost: \$47,428 AFE Cost to Date: \$841,559

Current Status: **DRILLING**

TOOH, break off bit #3 & LD mud motor. Motor failed, no tight spots, no overpull.

PU lead double box DC & made up new bit #4.

TIH w/ new bit to 5539', no tight spots, no fill on bottom .

Drill 8-3/4" hole from 5539' to 5626' , 87' / 7.0 hrs, 12.4 fph.

Drill 8-3/4" hole from 5626' to 5684' , 58' / 6.0 hrs, 9.7 fph.

MW 9.1. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 145' in 13 hrs, ROP 11.2

Survey:

MD	Angle
5513	6.50

08/31/2006 Current Depth: 5,949 Daily Cost: \$40,117 AFE Cost to Date: \$881,676

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 5684' to 5703' , 19' / 1.5 hrs, 12.7 fph.

Drill 8-3/4" hole f/ 5703' to 5746' , 43' / 4.0 hrs, 10.8 fph.

Drill 8-3/4" hole f/ 5746' to 5830' , 84' / 6.0 hrs, 14.0 fph.

Drill 8-3/4" hole f/ 5830' to 5891' , 61' / 4.5 hrs, 13.6 fph.

Drill 8-3/4" hole f/ 5891' to 5949' , 58' / 6.0 hrs, 9.7 fph.

MW 9.0. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 410' in 35 hrs, ROP 11.7

Survey:

MD	Angle
5799	8.25

09/01/2006 Current Depth: 6,200 Daily Cost: \$38,613 AFE Cost to Date: \$920,289

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 5949' to 5957' , 8' / 0.5 hr, 16.0 fph.

Drill 8-3/4" hole f/ 5957' to 6010' , 53' / 4.0 hrs, 13.2 fph.

Drill 8-3/4" hole f/ 6010' to 6141' , 131' / 12.0 hrs, 10.9 fph.

Drill 8-3/4" hole f/ 6141' to 6148' , 7' / 0.5 hr, 14.0 fph.

Drill 8-3/4" hole f/ 6148' to 6200' , 52' / 4.5 hrs, 11.6 fph.

MW 9.0. VIS 54

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 661' in 56.5 hrs, ROP 11.7

Survey:

MD	Angle
5925	8.00
6116	8.00

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343** Type: **AA**
Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

09/02/2006 Current Depth: **6,370** Daily Cost: **\$55,626** AFE Cost to Date: **\$975,915**

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 6200' to 6243', 43' / 3.5 hrs, 12.3 fph.
Circulate bottoms up & circ hole clean.
Drop Totco wireline survey tool.
TOOH. LD bottom hole DC & bit #4.
PU new bit #5 & new 6-1/4" National mud motor.
TIH, break circulation, break in new bit. No tight spots, no fill on bottom.
Drill 8-3/4" hole f/ 6243' to 6284', 41' / 2.5 hrs, 16.4 fph.
Drill 8-3/4" hole f/ 6284' to 6370', 86' / 6.0 hrs, 14.3 fph.
MW 9.1. VIS 52
SEC Bit #4, 8 3/4", EBXS29SR, in @ 5539', out @ 6243', made 704' in 60 hrs, ROP 11.7
HUGHES Bit #5, 8 3/4", in @ 6243', made 127' in 8.5 hrs, ROP 14.9
Survey:
MD Angle
6116 8.00
6116 8.00

09/03/2006 Current Depth: **6,691** Daily Cost: **\$35,006** AFE Cost to Date: **\$1,010,921**

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 6370' to 6401', 31' / 4.0 hrs, 7.8 fph.
Drill 8-3/4" hole f/ 6401' to 6418', 17' / 1.5 hrs, 11.3 fph.
Drill 8-3/4" hole f/ 6418' to 6591', 173' / 11.5 hrs, 15.0 fph.
Run Totco wireline survey, survey tool not working properly, called to replace tool.
Drill 8-3/4" hole f/ 6591' to 6691', 100' / 6.0 hrs, 16.7 fph.
MW 9.1. VIS 52
HUGHES Bit #5, 8 3/4", in @ 6243', made 448' in 31.5 hrs, ROP 14.2

09/04/2006 Current Depth: **7,003** Daily Cost: **\$34,845** AFE Cost to Date: **\$1,045,766**

Current Status: **POOH TO RUN OPEN HOLE LOGS**

Drill 8-3/4" hole f/ 6691' to 6749', 58' / 2.0 hrs, 29.0 fph.
Drill 8-3/4" hole f/ 6749' to 6830', 81' / 3.5 hrs, 23.1 fph.
Drill 8-3/4" hole f/ 6830' to 6935', 105' / 8.0 hrs, 13.1 fph, chlorides increased f/ 50,000 to 70,000 mg/l
Bit balled up, pumped 20 bbls fresh water w/ walnut hulls to remove ball from bit & BHA.
Drill 8-3/4" hole f/ 6935' to 6962', 27' / 2.0 hrs, 13.5 fph.
Drill 8-3/4" hole f/ 6962' to 7003', 41' / 1.0 hr, 41.0 fph. Hit salt @ ~6958'.
Pulled bit up to 6940'.
Circulate hole clean & bottoms up for mud loggers.
Wipe hole 18 stands f/ 7003' to 5923', no tight spots, no over pull.
Circulate hole clean.
Drop Totco single shot survey tool.
MW 9.2. VIS 50
HUGHES Bit #5, 8 3/4", in @ 6243', out @ 7003', made 760' in 48 hrs, ROP 15.8

Well History

07-Sep-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343**
Artesia Number: **430040001**

Type: **AA**

Project Type: **1-EXP DRILLING**

09/05/2006

Current Depth: **7,003**

Daily Cost: **\$85,118**

AFE Cost to Date: **\$1,130,884**

Current Status: **TIH**

TOOH

break off bit #5, LD National mud motor.

RU Schlumberger wireline.

Log Run #1: TLD / CNL / HRLA / GR / CALIPER log f/ 7003' to 9-5/8" casing shoe @ 3108'.

Log Run #2: Sonic Scanner, FMI / GPIT f/ 7003' to surface.

Log Run #2: Sonic Scanner, FMI / GPIT, f/ 7003' to surface.

RD Schlumberger.

PU Rerun bit #5 & TIH.

MW 9.4. VIS 54, WL 6.4

Survey:

MD Angle

7000 6.00

09/06/2006

Current Depth: **7,003**

Daily Cost: **\$30,478**

AFE Cost to Date: **\$1,161,362**

Current Status: **CIRCULATE & WAIT ON ORDERS**

TIH to 7003', no tight spots, no fill on bottom. Pulled up to 6939'.

Circulate hole clean, evaluating logs.

Wipe hole 10-stands f/ 6939' to 6339', no over pull, no tight spots.

Circulate hole clean, wait on orders.

MW 9.4. VIS 56, WL 6.0

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: UTU - 78731																																																																									
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME																																																																									
2. NAME OF OPERATOR: Cabot Oil & Gas Corporation						7. UNIT or CA AGREEMENT NAME																																																																									
3. ADDRESS OF OPERATOR: 600 17th St. Ste 900N CITY Denver STATE CO ZIP 80202						8. WELL NAME and NUMBER: NW Bullhorn 17-24																																																																									
PHONE NUMBER: (303) 226-9400						9. API NUMBER: 037-31847																																																																									
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1915' FNL 502' FEL Lot 2 AT TOP PRODUCING INTERVAL REPORTED BELOW: Same AT TOTAL DEPTH:						10 FIELD AND POOL, OR WILDCAT Paradox																																																																									
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 17 29S 24E						12. COUNTY San Juan																																																																									
13. STATE UTAH						14. DATE SPUNDED: 8/18/2006																																																																									
15. DATE T.D. REACHED: 9/3/2006						16. DATE COMPLETED: 9/9/2006																																																																									
17. ELEVATIONS (OF, RKB, RT, GL): 6582' GR, 6590' KB						18. TOTAL DEPTH: MD 7,003 TVD																																																																									
19. PLUG BACK T.D.: MD TVD						20. IF MULTIPLE COMPLETIONS, HOW MANY? *																																																																									
21. DEPTH BRIDGE MD PLUG SET: TVD						22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) GR, Neutron-Density, Dual Induction. Sonic-GR																																																																									
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)						24. CASING AND LINER RECORD (Report all strings set in well)																																																																									
<table border="1" style="width:100%"><thead><tr><th>HOLE SIZE</th><th>SIZE/GRADE</th><th>WEIGHT (#/ft.)</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>STAGE CEMENTER DEPTH</th><th>CEMENT TYPE & NO. OF SACKS</th><th>SLURRY VOLUME (BBL)</th><th>CEMENT TOP **</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>12-1/4"</td><td>9-5/8" J-55</td><td>36#</td><td>0</td><td>3,108</td><td></td><td>Type III 847</td><td>645</td><td>Surface</td><td></td></tr><tr><td>8-3/4"</td><td></td><td></td><td></td><td>7,003</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>										HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED	12-1/4"	9-5/8" J-55	36#	0	3,108		Type III 847	645	Surface		8-3/4"				7,003																																													
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28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.																																																																															
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29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:																																																																							
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input checked="" type="checkbox"/> OTHER: WB, daily rpts.																																																																															

RECEIVED
OCT 10 2006
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

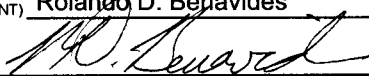
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Chinle	2,504	2,865	sh, ss	Chinle	2,504
La Sal Top	5,508	6,211	ls, sh, ss	La Sal Top	5,508
Ismay	6,211	6,305	ls	Ismay	6,211
Lower Ismay	6,338	6,434	ls, anhy	Lower Ismay	6,338
Gothic	6,434	6,520	sh	Gothic	6,434
Desert Creek	6,520	6,927	ls, anhy	Desert Creek	6,520
Salt Creek	6,927		salt	Salt Creek	6,927

35. ADDITIONAL REMARKS (Include plugging procedure)

0-90'- 54 sx. 3118'-3008'- 57 sx. 3160'-3010'- 76 sx. 4150'-4000'-76 sx. 6540'-6040'-240 sx. All Class G, 15.8 ppg cmt.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rolando D. Bepavides TITLE Contract Petroleum Engineer

SIGNATURE  DATE 10/2/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Wellbore Diagram

Elev. GL: 6,582'
KB: 6,590'

Spud: 08/18/06
P&A : 09/09/06

Surface Casing

9-5/8" 36#, J-55, LT&C
Set @ 3,108' w/ 947 sx
circ 100 bbl cmt to surf

Hole Diameter 12-1/4"

Hole Diameter 8-3/4"

Plug # 4 0'-90'

54 sx 15.8 ppg
Class G neat

Plug # 3B 3118'-3008'

57 sx 15.8 ppg
Class G neat

Plug # 3 3160'-3010'

76 sx 15.8 ppg
Class G neat

Plug # 2 4150'-4000'

76 sx 15.8 ppg
Class G neat

Plug # 1 6540'-6040

240 sx 15.8 ppg
Class G neat

Plugged and Abandoned 09/09/06

Cut off casinghead and welded
dry-hole marker w/company name
and legal info on post.

Plug # 2

Plug # 1

9.6 ppg mud

TD 7,003'



Cabot Oil & Gas Corporation

N.W. Bullhorn # 17-24
1915' FNL & 502' FEL
Lot 2 Section 17 T29S - R24E
San Juan County, Utah
API # : 43-037-31847

by RDB 09/20/06

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73343** Type: **AA**
Artesia Number: **430040001**

SAN JUAN County, UT	Spud Date:	08/18/2006
Program Year: 2006	Completion Date:	
Location: SECTION 17, T29S, R24E	P&A Date:	
Prospect: PARADOX	Lease Number:	
Formation: CUTLER & HONAKER TRAIL	Date of First Prod:	
AFE DHC/CWC: \$1,395,000 / \$2,100,000	Rig/Contractor:	UNITED RIG #5
Net AFE DHC/CWC: \$1,395,000 / \$2,100,000	Service Contractor:	
TD: 7003 PBDT:	Pipeline:	
Permit No:	API Number:	4303731847
Drop Date: 09/11/2006	UWI:	
COGC WI / NRI: 100.00000% 87.50000%	GL / KB Elev:	6582 / 0
BPO / APO: 100.00000% 100.00000%	Rig Release:	09/09/2006

Project Type:	1-EXP DRILLING			
08/16/2006	Current Depth: 40	Daily Cost: \$72,767	AFE Cost to Date: \$72,767	
Current Status:	RU UNITED RIG #5			

Built road & location. Installed pit liner. Set 20" conductor pipe @ 40'. MI & RU United rig #5. Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/17/2006	Current Depth: 40	Daily Cost: \$0	AFE Cost to Date: \$72,767	
Current Status:	RU UNITED RIG #5			

Repairing shaker & rotary table. Should spud on Friday, 8/18/06.

08/18/2006	Current Depth: 40	Daily Cost: \$97,477	AFE Cost to Date: \$170,244	
Current Status:	PREP TO SPUD			

Inspected BHA, filled reserve pit w/ fresh water, finished RU United rig #5.

08/19/2006	Current Depth: 712	Daily Cost: \$70,621	AFE Cost to Date: \$240,865	
Current Status:	DRILLING			

Start up equip & prime up all fluid pumps. Set bit, motor & BHA on catwalk.

PU bit & motor.

Spud 12-1/4" surface hole @ 9:30 AM, 8/18/06. Drill f/ 40' to 80', 40' / 2.5 hrs, 16 fph, solid rock.

Drill 12-1/4" hole f/ 80' to 546', 466' / 11.0 hrs, 42.4 fph (got out of solid rock @ 159').

Drill 12-1/4" hole f/ 546' to 556', 10' / 0.5 hr, 20.0 fph.

Drill 12-1/4" hole f/ 556' to 712', 156' / 6.0 hrs, 26.0 fph.

MW 8.4, VIS 26

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 672' in 20 hrs, ROP 33.6

Survey:

MD	Angle
516	0.50

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

08/20/2006 Current Depth: 1,704 Daily Cost: \$43,276 AFE Cost to Date: \$284,141

Current Status: **DRILLING**

Drill 12-1/4" hole f/ 712' to 816', 104' / 3.0 hrs, 34.7 fph

Drill 12-1/4" hole f/ 816' to 895', 79' / 2.5 hrs / 31.6 fph.

Drill 12-1/4" hole f/ 895' to 1038', 143' / 2.0 hrs, 71.5 fph.

Drill 12-1/4" hole f/ 1038' to 1482', 444' / 9.5 hrs, 46.7 fph.

Drill 12-1/4" hole f/ 1482' to 1577', 95' / 2.0 hrs, 47.5 fph.

Drill 12-1/4" hole f/ 1577' to 1704', 127' / 3.5 hrs, 36.3 fph.

MW 8.4, VIS 27

HTC Bit #1, 12 1/4", HR-S30-DX, in @ 40', made 1664' in 42.5 hrs, ROP 39.2

Survey:

MD	Angle
1006	0.50
1546	2.00

08/21/2006 Current Depth: 2,355 Daily Cost: \$31,529 AFE Cost to Date: \$315,670

Current Status: **MAKE WIPER TRIP**

Drill from 1704' to 2355'. WLS 2 1/2 degrees at 2021'. Bit #1 2315', 65 1/2 hours.

08/22/2006 Current Depth: 2,612 Daily Cost: \$47,239 AFE Cost to Date: \$362,909

Current Status: **DRILL AHEAD WITH ONLY ONE MUD PUMP.**

Drill from 2355' to 2371'. Pumped sweep and POOH to check bit, no tight spots, no overpull. MU new bit & TIH. Drill from 2371' to 2528', main bearings went out on #2 mud pump. Drill from 2528' to 2612' at reduced flow rate and ROP due to only using #1 pump. Expect to have new bearings for #2 pump this afternoon. WLS 1 deg at 2497'.

LITHOLOGY: 80% Sandstone / 20% Siltstone

08/23/2006 Current Depth: 2,900 Daily Cost: \$31,686 AFE Cost to Date: \$394,595

Current Status: **DRILLING.**

Drill from 2612' to 2900'. #2 mud pump repaired and back on line at 1700 hrs.

LITHOLOGY: 80% Sandstone / 20% Siltstone = Wingate Formation (top @ 2209')

08/24/2006 Current Depth: 3,108 Daily Cost: \$42,629 AFE Cost to Date: \$437,224

Current Status: **RUN 9-5/8" SURFACE CSG.**

Drilled 12-1/4" hole from 2900' to 2941', 41' / 3.5 hrs, 11.7 fph .

Drilled 12-1/4" hole from 2941' to 2970', 29' / 2.0 hrs, 14.5 fph .

Drilled 12-1/4" hole from 2970' to 3035', 65' / 4.0 hrs, 16.2 fph .

Drilled 12-1/4" hole from 3035' to 3108', 73' / 5.5 hrs, 13.3 fph .

Pump 20 bbl high vis sweep & circ hole clean . Short trip, wipe hole from 3108' to 2388', no tight spots & no excess overpull .

Pump 20 bbl high vis sweep & circ hole clean. TOOH & LD bit & motor. Wait on Weatherford casing crew to arrive on location .

RU casing crew to run 9-5/8" casing.

MW 8.5, VIS 27.

Smith Bit #2, 12 1/4", GF-30-BVC, in @ 2371', out @ 3108', made 737 in 54.5 hrs., ROP 13.5.

MD	Angle
3004'	2.00
2100'	0.50

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

08/25/2006 Current Depth: 3,108 Daily Cost: \$182,552 AFE Cost to Date: \$619,776

Current Status: **PRES TEST BOPE**

Finish RU Weatherford casing crew & held pre-casing safety meeting. Ran 72 jts 9-5/8", 36#, J-55, LT&C casing w/ float shoe @ 3108' & float collar @ 3062'. Ran 8-centralizers on every other jt from bottom up. Landed 9-5/8" casing @ 3108'. Circ hole & casing, RD casing crew. RU BJ Services. Pressure test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 bbls fresh water, lead cement: 246.5 bbls / 1383 cf / 487 sx Premium Lite cement w/ 2% CaCl₂, 1/4 lb/sx Celloflake, 10% bentonite, 1% sodium metasilicate & 0.05 lbs/sx static free @ 11.5 ppg followed by tail cement: 114.8 bbls / 644 cf / 460 sx Type III cement w/1% CaCl₂ & 1/4 lb/sx Celloflake @ 14.5 ppg. Drop top rubber plug & displaced w/ 237 BW, full circulation throughout cementing & displacing. Circ 100 bbls cement to surface. Bumped plug w/ 1650 psi, floats held. CIP @ 4:45 PM, 8/24/06. Monitor cement fall back & RD BJ Services. Chip out cement from cellar bottom & cut 9-5/8" casing. Land FMC 11"-5Mx9-5/8" SOW casinghead. Pres test weld to 1200 psi, OK. NU 11"-3M BOP on 11"-5M casinghead.

MW 8.4, VIS 27.

08/26/2006 Current Depth: 3,236 Daily Cost: \$34,640 AFE Cost to Date: \$654,416

Current Status: **DRILLING**

NU 11"x3000 psi BOP. RU Single Jack Testing Co. Pres test pipe / blind rams, all valves & choke manifold to 250 psi / 5 min & 3000 psi / 10 min, OK. Pres test annular to 250 psi low & 1500 psi high, OK. Pulled test plug & pres test 9-5/8" casing to 1540 psi / 30 min, OK. All testing complete & witnessed by BLM. NU flowline. PU BHA #2, TIH & tagged @ 3062'. Drill out float collar, cement & 9-5/8" csg shoe @ 3108'. Drill 10' of new hole f/ 3108' to 3118'. Circ hole clean, pulled up & closed BOP. Pressured up to 130 psi & performed formation integrity test w/ 8.4 ppg mud, 9.2 ppg EMW. Dump & clean mud pits. Haul in 800 bbls of MI FLO-PRO NT/KCL mud & change over mud system in hole & surface. Drill 8-3/4" hole f/ 3118' to 3236', 118' / 6 hrs / 19.7 fph.

MW 8.4, VIS 27.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 128' in 6 hrs., ROP 21.3.

08/27/2006 Current Depth: 4,275 Daily Cost: \$37,435 AFE Cost to Date: \$691,851

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 3236' to 3323', 87' / 2.5 hrs, 34.8 fph. Drill 8-3/4" hole f/ 3323' to 3545', 222' / 5.0 hrs, 44.4 fph. Drill 8-3/4" hole f/ 3545' to 4002', 457' / 9.5 hrs, 48.1 fph. Drill 8-3/4" hole f/ 4002' to 4085', 83' / 1.5 hrs, 55.3 fph. Drill 8-3/4" hole f/ 4085' to 4275', 190' / 4.0 hrs, 47.5 fph. Formation changing, drills very streaky, fast to slow, 100 - 20 fph.

MW 8.8, VIS 42.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1157' in 28.5 hrs., ROP 40.6.

MD	Angle
3514'	1.00
4053'	2.50

08/28/2006 Current Depth: 5,036 Daily Cost: \$36,981 AFE Cost to Date: \$728,832

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 4275' to 4339', 64' / 1.5 hrs / 42.6 fph. Service Rig. Drill 8-3/4" hole f/ 4339' to 4475', 136' / 4 hrs / 34 fph. Drill 8-3/4" hole f/ 4475' to 4561', 86' / 2 hrs / 43 fph. Wireline Survey @ 4529' / 3 deg. Drill 8-3/4" hole f/ 4561' to 4814', 253' / 8 hrs / 31.6 fph. Repair / Replace air boot on Clutch / Draw works. Repair / Replace air boot on Clutch / Draw works. Drill 8-3/4" hole f/ 4814' to 5036', 222' / 5 hrs / 44.4 fph.

MW 8.9, VIS 53.

Smith Bit #3, M616 PDC, 8 3/4", in @ 3108', made 1918' in 49 hrs., ROP 39.1.

MD	Angle
4529'	3.00

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

08/29/2006 Current Depth: 5,539 Daily Cost: \$65,299 AFE Cost to Date: \$794,131

Current Status: **CIRCULATE/TOH TO CHANGE BIT**

Drill 8-3/4" hole f/ 5036' to 5068', 32' / 1 hr / 32 fph.

Drill 8-3/4" hole f/ 5068 to 5100', 32' / 0.5 hr / 64 fph.

Wireline survey @ 5068' / 2.5 deg.

Drill 8-3/4" hole f/ 5100' to 5195', 95' / 3 hrs / 31.6 fph.

Drill 8-3/4" hole f/ 5195' to 5469', 274' / 12 hrs / 22.8 fph.

Drill 8-3/4" hole f/ 5469' to 5539', 70' / 5.5 hrs / 12.7 fph.

MW 9.0. VIS 51

SMITH Bit #3, 8 3/4", M6 16 PDC, in # 3108', out @ 5539.

Survey:

MD	Angle
5068	2.50

08/30/2006 Current Depth: 5,684 Daily Cost: \$47,428 AFE Cost to Date: \$841,559

Current Status: **DRILLING**

TOOH, break off bit #3 & LD mud motor. Motor failed, no tight spots, no overpull.

PU lead double box DC & made up new bit #4.

TIH w/ new bit to 5539', no tight spots, no fill on bottom.

Drill 8-3/4" hole from 5539' to 5626', 87' / 7.0 hrs, 12.4 fph.

Drill 8-3/4" hole from 5626' to 5684', 58' / 6.0 hrs, 9.7 fph.

MW 9.1. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 145' in 13 hrs, ROP 11.2

Survey:

MD	Angle
5513	6.50

08/31/2006 Current Depth: 5,949 Daily Cost: \$40,117 AFE Cost to Date: \$881,676

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 5684' to 5703', 19' / 1.5 hrs, 12.7 fph.

Drill 8-3/4" hole f/ 5703' to 5746', 43' / 4.0 hrs, 10.8 fph.

Drill 8-3/4" hole f/ 5746' to 5830', 84' / 6.0 hrs, 14.0 fph.

Drill 8-3/4" hole f/ 5830' to 5891', 61' / 4.5 hrs, 13.6 fph.

Drill 8-3/4" hole f/ 5891' to 5949', 58' / 6.0 hrs, 9.7 fph.

MW 9.0. VIS 50

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 410' in 35 hrs, ROP 11.7

Survey:

MD	Angle
5799	8.25

09/01/2006 Current Depth: 6,200 Daily Cost: \$38,613 AFE Cost to Date: \$920,289

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 5949' to 5957', 8' / 0.5 hr, 16.0 fph.

Drill 8-3/4" hole f/ 5957' to 6010', 53' / 4.0 hrs, 13.2 fph.

Drill 8-3/4" hole f/ 6010' to 6141', 131' / 12.0 hrs, 10.9 fph.

Drill 8-3/4" hole f/ 6141' to 6148', 7' / 0.5 hr, 14.0 fph.

Drill 8-3/4" hole f/ 6148' to 6200', 52' / 4.5 hrs, 11.6 fph.

MW 9.0. VIS 54

SEC Bit #4, 8/34", EBXS29SR, in @ 5539', made 661' in 56.5 hrs, ROP 11.7

Survey:

MD	Angle
5925	8.00
6116	8.00

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

09/02/2006 Current Depth: **6,370** Daily Cost: **\$55,626** AFE Cost to Date: **\$975,915**

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 6200' to 6243', 43' / 3.5 hrs, 12.3 fph.

Circulate bottoms up & circ hole clean.

Drop Totco wireline survey tool,

TOOH. LD bottom hole DC & bit #4.

PU new bit #5 & new 6-1/4" National mud motor.

TIH, break circulation, break in new bit. No tight spots, no fill on bottom.

Drill 8-3/4" hole f/ 6243' to 6284', 41' / 2.5 hrs, 16.4 fph.

Drill 8-3/4" hole f/ 6284' to 6370', 86' / 6.0 hrs, 14.3 fph.

MW 9.1. VIS 52

SEC Bit #4, 8 3/4", EBXS29SR, in @ 5539', out @ 6243', made 704' in 60 hrs, ROP 11.7

HUGHES Bit #5, 8 3/4", in @ 6243', made 127' in 8.5 hrs, ROP 14.9

Survey:

MD Angle

6116 8.00

6116 8.00

09/03/2006 Current Depth: **6,691** Daily Cost: **\$35,006** AFE Cost to Date: **\$1,010,921**

Current Status: **DRILLING**

Drill 8-3/4" hole f/ 6370' to 6401', 31' / 4.0 hrs, 7.8 fph.

Drill 8-3/4" hole f/ 6401' to 6418', 17' / 1.5 hrs, 11.3 fph.

Drill 8-3/4" hole f/ 6418' to 6591', 173' / 11.5 hrs, 15.0 fph.

Run Totco wireline survey, survey tool not working properly, called to replace tool.

Drill 8-3/4" hole f/ 6591' to 6691', 100' / 6.0 hrs, 16.7 fph.

MW 9.1. VIS 52

HUGHES Bit #5, 8 3/4", in @ 6243', made 448' in 31.5 hrs, ROP 14.2

09/04/2006 Current Depth: **7,003** Daily Cost: **\$34,845** AFE Cost to Date: **\$1,045,766**

Current Status: **POOH TO RUN OPEN HOLE LOGS**

Drill 8-3/4" hole f/ 6691' to 6749', 58' / 2.0 hrs, 29.0 fph.

Drill 8-3/4" hole f/ 6749' to 6830', 81' / 3.5 hrs, 23.1 fph.

Drill 8-3/4" hole f/ 6830' to 6935', 105' / 8.0 hrs, 13.1 fph, chlorides increased f/ 50,000 to 70,000 mg/l

Bit balled up, pumped 20 bbls fresh water w/ walnut hulls to remove ball from bit & BHA.

Drill 8-3/4" hole f/ 6935' to 6962', 27' / 2.0 hrs, 13.5 fph.

Drill 8-3/4" hole f/ 6962' to 7003', 41' / 1.0 hr, 41.0 fph. Hit salt @ ~6958'.

Pulled bit up to 6940'.

Circulate hole clean & bottoms up for mud loggers.

Wipe hole 18 stands f/ 7003' to 5923', no tight spots, no over pull.

Circulate hole clean.

Drop Totco single shot survey tool.

MW 9.2. VIS 50

HUGHES Bit #5, 8 3/4", in @ 6243', out @ 7003', made 760' in 48 hrs, ROP 15.8

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

09/05/2006 Current Depth: 7,003 Daily Cost: \$85,118 AFE Cost to Date: \$1,130,884

Current Status: **TIH**

TOOH

break off bit #5, LD National mud motor.

RU Schlumberger wireline.

Log Run #1: TLD / CNL / HRLA / GR / CALIPER log f/ 7003' to 9-5/8" casing shoe @ 3108'.

Log Run #2: Sonic Scanner, FMI / GPIT f/ 7003' to surface.

Log Run #2: Sonic Scanner, FMI / GPIT, f/ 7003' to surface.

RD Schlumberger.

PU Rerun bit #5 & TIH.

MW 9.4. VIS 54, WL 6.4

Survey:

MD Angle
7000 6.00

09/06/2006 Current Depth: 7,003 Daily Cost: \$30,478 AFE Cost to Date: \$1,161,362

Current Status: **CIRCULATE & WAIT ON ORDERS**

TIH to 7003', no tight spots, no fill on bottom. Pulled up to 6939'.

Circulate hole clean, evaluating logs.

Wipe hole 10-stands f/ 6939' to 6339', no over pull, no tight spots.

Circulate hole clean, wait on orders.

MW 9.4. VIS 56, WL 6.0

09/07/2006 Current Depth: 7,003 Daily Cost: \$27,885 AFE Cost to Date: \$1,189,247

Current Status: **PREP TO SPOT CEMENT PLUGS TO P & A**

Circulate & wait on orders.

POOH f/ 6339' to inside 9-5/8" csg shoe @ 3108'.

Circulate & wait on orders.

TOOH w/ DP,

LD 6-1/4" DC, drilling jars & RR bit.

TIH w/ open ended DP to 3108'.

Circulate, wait on BJ Services cementing equipment & BLM to arrive on location to P & A well.

MW 9.4, VIS 48, WL 6.0

09/08/2006 Current Depth: 7,003 Daily Cost: \$26,563 AFE Cost to Date: \$1,215,810

Current Status: **SPOTTING CEMENT PLUGS TO P&A WELL**

Circulate & wait on BJ cement crew to arrive on location. TIH f/ 3108' to 6600' & circulate hole clean. Spot 60 bbls 9.6 ppg / 55 vis barite mud plug. Pull up to 6540' w/ open end DP & RU BJ Services. Pressure test pump & lines to 2500 psi. Pumped 20 bbls fresh water, 25 bbls / 120 sx / 137 cf Class G cement plug. Equalized cement w/ 63 BW & pulled out of cement. Pulled DP to 6278' & pumped 20 bbls water spacer, 25 bbls / 120 sx / 137 cf Class G cement plug. Equalized plug w/ 58 BW & pulled out of plug. Plug #1: Cement plug f/ 6540' to 6040' w/ 274 cf / 240 sx / 50 bbls of 15.8 ppg. Class G neat cement. Plug #1 CIP @ 5:00 PM, 9/7/06.

Pulled 6 std DP & pumped 10 BW to clear DP. POOH & LD 75 jts DP on cat walk.

TIH w/ 9 std DP to 4150'. RU BJ cementers & pumped 7 BW & pressured up to 1800 psi. Unable to pump through DP. TOOH w/ plug in DP. LD total of 34 jts, 1077' of DP w/ cement contamination or cement inside DP. TIH w/ DP out of derrick.

PU 28 jts DP off rack & TIH.

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **N.W. BULLHORN #17-24**

AFE Number: **73343**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430040001**

Project Type: **1-EXP DRILLING**

09/09/2006 Current Depth: 7,003 Daily Cost: \$80,035 AFE Cost to Date: \$1,295,845

Current Status: **WELL P&A 9-9-06**

Finish TIH to 4150'. RU BJ cementers.

Plug #2: Spot cement plug f/ 4150' to 4000', pump 40 bbls fresh water ahead of 16 bbls / 88 cf / 76 sx Class G neat cement @ 15.8 ppg. Equalize plug w/ 30 BW. CIP @ 7:05 am, 9/8/06.

Pulled 10 std DP (634') above cement top & pump 40 BW to clear DP, fluid column out of balance. Circulate DP w/ rig mud system, no excess cement at surface.

POOH & LD 31 jts DP on cat walk.

Plug #3: Spot cement plug f/ 3160' to 3010' across 9-5/8" csg shoe @ 3108'. Pump 40 bbls fresh water, 16 bbls / 88 cf / 76 sx Class G neat cement plug @ 15.8 ppg. Equalized plug w/ 20 BW. CIP @ 11:00 AM, 9/8/06.

Pulled 11 std DP (697') above cement top. Rig circ hole clean, no cement to surface.

Wait on cement / 2 hrs, TIH to tag cement top, too soft. Wait on cement / 5.5 hrs, TIH & tagged cement plug @ 3118', 10' below casing shoe. Witnessed by BLM - Jeff Brown, must spot another cement plug inside casing shoe.

Plug #3B: Spot cement plug f/ 3118' to 3008' across 9-5/8" casing shoe @ 3108'.

Pump 40 bbls fresh water ahead of 12 bbls / 67cf / 57 sx Class G neat cement @ 15.8 ppg.

Equalize plug w/ 20 BW. CIP @ 5:18 PM, 9/8/06.

Pulled 10 std DP (634') above cement top. Circulate w/ rig pump, no cement to surface.

TOOH, LD DP on cat walk. PU, break kelly & all connections.

ND BOP & set out BOP.

Plug #4: Spot surface plug f/ 0'-90' w/ 11 bbls / 62 cf / 54 sx Class G cement. POOH, LD DP & wash out.

CIP @ 2:45 AM, 9/9/06. Jet cellar, prepare for welder to cut off wellhead. Dump & clean mud pits, RD BJ Servids.

09/10/2006 Current Depth: 7,003 Daily Cost: \$27,082 AFE Cost to Date: \$1,322,927

Current Status: **RD UNITED RIG #5**

Dump & clean mud pits, RD rig floor.

Cut off FMC 11"-3Mx9-5/8" SOW casinghead. Welder made dry hole marker w/ company name & legal info welded on 4" post.

Will install dry hole marker after rig sub base is removed from well.

Released rig @ 12:00 PM, noon, 9/9/06.

Project Type: **9-PLUGGED**

09/11/2006 Current Depth: 7,003 Daily Cost: \$23,925 AFE Cost to Date: \$1,346,852

Current Status: **MOVING OFF UNITED RIG #5 - FINAL REPORT**

RD United Rig #5. FINAL REPORT Well P&A.

Project Type: **8-DROPPED**

09/12/2006 Current Depth: 7,003 Daily Cost: \$0 AFE Cost to Date: \$1,346,852

Current Status: **MOVING OFF UNITED RIG #5 - FINAL REPORT**

RD United Rig #5. FINAL REPORT Well P&A.

CEMENT JOB REPORT



CUSTOMER Cabot Oil & Gas Corporation		DATE 21-AUG-06		F.R. # 437810156		SERV. SUPV. MIKHAEL A PROZOROV	
LEASE & WELL NAME Bullhorn NW 17-24 - API 43037318470000		LOCATION 17-29S-24E		COUNTY-PARISH-BLOCK San Juan Utah			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST CSG HARDWARE		PHYSICAL SLURRY PROPERTIES			
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, AI Flap, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
		Guide Shoe, Texas-Notched 9-5/8 i					
MATERIALS FURNISHED BY BJ							
Gelled Spacer					8.34		30
Premium Lite Cement				487	11.5	2.84	248.11 195.02
Type III Cement				460	14.5	1.40	114.85 74.68
Fresh Water					8.34		244.30
Fresh Water					8.34		10
Available Mix Water _____ Bbl.		Available Displ. Fluid _____ Bbl.		TOTAL		645.26 269.70	
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
12.25		3200	9.625	36	CSG	3200	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
16	109		60				
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
244.3	BELS	Fresh Water	8.34				
MAX CSG PSI							
				Operator	RATED	Operator	MIX WATER
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							
PRESSURE/RATE DETAIL					EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3650 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
01:00						pre convoy safety meeting	
01:30						left yard	
04:30						arrived to location	
04:45						pre rig up meeting	
13:30						safety meeting	
13:55	3650	0	0	0	H2O	pressure test	
14:00	56	0	3	5	GEL	spacer 1	
14:05	133	0	5.5	10	GEL	spacer 1	
14:10	125	0	5.5	30	GEL	spacer 1	
14:20	125	0	5.5	10	H2O	spacer 2	
14:30	259	0	5.5	10	CEMENT	lead slurry	
14:40	225	0	5.5	50	CEMENT	lead slurry	
14:50	209	0	5.5	100	CEMENT	lead slurry	
14:55	180	0	5.5	150	CEMENT	lead slurry	
15:00	180	0	5.5	230	CEMENT	lead slurry	
15:02	100	0	3.7	10	CEMENT	tail slurry	
15:25	100	0	3.7	100	CEMENT	tail slurry	
15:30	100	0	1	105	CEMENT	tail slurry	
15:31	0	0	0	0		drup plug	
15:34	50	0	5.1	10	H2O	displacement	
16:08	175	0	5.1	100	H2O	displacement	
16:34	1138	0	4.8	100	H2O	displacement	
16:45	1650	0	2.1	27	H2O		

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3650 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
						disp. bump plug from 1350 to 1650 psi.	
16:46						float haeld. 1bbl returns.	
16:48						end job.	
16:50						post rig down meeting.	
17:45						post convoy meeting.	
18:00						leave location.	

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1650	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 90	TOTAL BBL. PUMPED 612	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE:
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CEMENT JOB REPORT



CUSTOMER Cabot Oil & Gas Corporation		DATE 09-SEP-06		F.R. # 444110087		SERV. SUPV. WARREN O DALE	
LEASE & WELL NAME Bullhorn NW 17-24 - API 43037318470000		LOCATION 17-29S-24E		COUNTY-PARISH-BLOCK San Juan Utah			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # UNITED #5		TYPE OF JOB Plug & Abandon			

SIZE	TYPE OF PLUGS	LIST CSG HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ									
	NA-P&A								
FRESH WATER				8.34				20	
CLASS G CEMENT			137	15.8	1.15	4.99		25	14.50
FRESH WATER				8.34				63	
FRESH WATER				8.34				20	
CLASS G CEMENT			137	15.8	1.15	4.99		25	14.50
FRESH WATER				8.34				58	
FRESH WATER				8.34				40	
CLASS G CEMENT			76	15.8	1.15	4.99		16	9.28
FRESH WATER				8.34				35	
FRESH WATER				8.34				40	
FRESH WATER				8.34				40	
CLASS G CEMENT			77	15.8	1.15	4.99		16	9.28
FRESH WATER				8.34				20	
FRESH WATER				8.34				40	
CLASS G CEMENT			58	15.8	1.15	4.99		12	6.96
FRESH WATER				8.34				20	
FRESH WATER				8.34				3	
CLASS G CEMENT			53	15.8	1.15	4.99		11	6.38
Available Mix Water		Bbl.	Available Displ. Fluid		Bbl.	TOTAL		504	60.91

HOLE			TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT	TYPE	DEPTH	GRADE	SHOE
			4	14.69	DP	6532	M-75	

LAST CASING		PKR-CMT RET-BR PL LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD
9.625	36	CSG	3118	NO PACKER				4	8RND
								WATER BASED MU	
								WGT. 9.4	

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RATED	Operator	RATED	Operator	
196	BBLs	FRESH WATER	8.34	0	0	0	0	0	0	0	0	0	0	0	RIG
		FRESH WATER	8.34												

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2500 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
10:15						PRE CONVOY MEETING	
10:30						LEFT DISTRICT	
13:00						ARRIVED ON LOCATION	
13:15						PRE RIG UP MEETING	
14:55						SAFETY MEETING	
15:25						PRESURE TESTED LINES TO 2640 PSI	
15:30	493		4.7	20	H2O	PUMPED SPACER	
15:40						BATCHED UP TO 15.8	
15:45	68		3.8	25	CMT		

CEMENT JOB REPORT



PRESSURE/RATE/DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2500 PSI
						CIRCULATING WELL - RIG	BJ
						PUMPED SLURRY	
15:55	560		6.8	63	H2O	DISPLACED	
16:05						STOPED STAGE	
16:35	455		4.7	20	H2O	PUMPED SPACER	
16:40						BATCHED UP TO 15.8	
16:45	296		3.4	25	CMT	PUMPED SLURRY	
16:55	545		6.8	58	H2O	DISPLACED	
17:05						ENDED STAGE	
21:20	1770		4.6	6	H2O	ATTEMPTED SPACER. DRILL PIPE PLUGED	
						OVER PRESURED SHUT DOWN	
06:30						090806 NEW DAY	
06:45	98		2.8	40	H2O	PUMPED SPACER	
06:50						BATCH TO 15.8	
06:55	42		3	16	CMT	PUMPED SLURRY	
07:05	149		5.6	32	H2O	DISPLACED	
07:10						SHUT DOWN	
07:40	635		6	40	H2O	PUMPED WATER SPACER	
10:40	261		6	40	H2O	PUMPED SPACER	
10:45						BATCHED TO 15.8	
10:50	210		3.8	16	CMT	PUMPED SLURRY	
10:55	87		6	20	H2O	PUMPED DISPLACEMENT	
16:55	285		6	40	H2O	PUMPED SPACER	
17:00						BATCHED TO 15.8	
17:13	275		5.1	12	CMT	PUMPED SLURRY	
17:15	84		6	20	H2O	DISPLACED	
02:30	79		2	3	H2O	PUMPED SPACER	
02:32						BATCHED UP TO 15.8	
02:35	45		1.2	11	CMT	PUMPED TOP-OUT	
02:40						ENDED JOB	
						THANKS FOR THE WORK WARREN, DAVE, AND CREW	

BUMPED PLUG Y <input checked="" type="checkbox"/>	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED 464	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/>	SERVICE SUPERVISOR SIGNATURE:
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ORIGINAL **CONFIDENTIAL** FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER "TIGHT HOLE WELL"		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-78731
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: -----
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1915' FNL & 502' FEL		8. WELL NAME and NUMBER: NW Bullhorn 17-24
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 17 29S 24E		9. API NUMBER: 4303731847
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/20/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas plans to close the reserve pit and reclaim the above referenced location. The site will be re-seeded using the seed mixture outlined in the APD.


Cabot's field personnel have already coordinated the work with the BLM inspector in the Moab office and work is scheduled to begin as soon as possible.

RECEIVED

JUN 20 2007

DIV. OF OIL, GAS & MINING

7-12-07
RM

NAME (PLEASE PRINT) Jean Arnold	TITLE Prod. Tech.
SIGNATURE 	DATE 6/19/2007

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 7/9/07
By: 